





# PORT COQUITLAM COMMUNITY CENTRE

**Owner's Representative Progress Report #30** 

September 2019



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#### 1.0 INTRODUCTION

Tango Management ("Tango") has been engaged by the City of Port Coquitlam ("Owner") to provide Owner's Representative Services for the design and construction of a new Community Centre in Port Coquitlam, BC ("Project").

Tango is pleased to submit its Monthly Progress Report #30 to the Owner. This report represents a summary of key project activities and issues that occurred up to September 30, 2019.

This report is for the sole and confidential use and reliance of the Owner. Tango, its directors, staff, sub-consultants or agents do not make any representation or warranty as to the factual accuracy of the information provided to us on behalf of the Owner, their Contractors, their sub-contractors or agents, upon which this report is based. This report shall not be reproduced or distributed to any party other than the recipients outlined above, without the express permission of Tango. Any use of this report which a third party makes, or any reliance on or decisions made based on it, are the responsibility of such third parties. Tango accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.

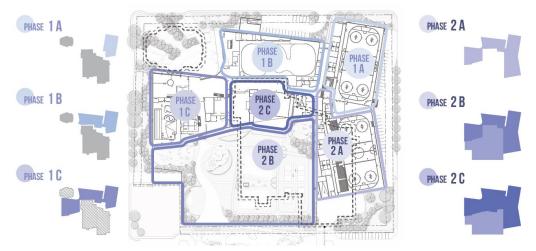
Any advice, opinions or recommendations within this report should be read and relied upon only in the context of this report as a whole. The contents of this report do not provide legal, insurance or tax advice or opinion.

#### 2.0 EXECUTIVE SUMMARY

During September 2019 numerous meetings, co-ordination, procurement, design and construction activities have taken place. Phase 1C pool construction and fitness fit-out is ongoing. Abatement and demolition of the library and existing arenas is ongoing. Based on the information contained in this Monthly Progress Report #30 and during this reporting period, Tango believes the Project can be completed by the Substantial Performance Date of October 31, 2021 for the Project Budget of \$132,100,000, provided the current critical path milestone dates can be achieved.

#### 3.0 PROJECT SCOPE

The project scope involves a phased replacement and addition to the Port Coquitlam Recreation Complex, Wilson Centre and Terry Fox Library. This scope will provide a vibrant community hub with three sheets of ice, an indoor leisure pool, new fitness facilities, a new library, a spacious outdoor plaza, and underground parking. The size of the new facility with be 205,000 SQF.



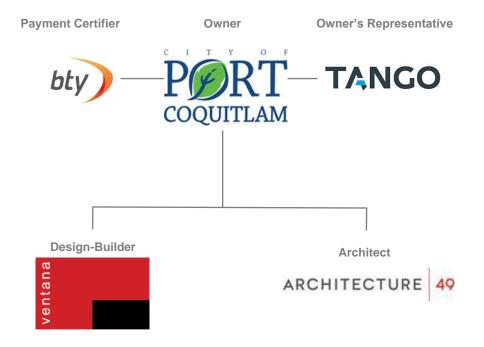


#### 4.0 PROJECT TEAM

The following team members have been appointed to the Project:

Owner	City of Port Coquitlam
Owner's Representative	Tango Management
Design-Builder	Ventana Construction (POCO) Corp
Architect	Architecture 49
Civil Engineer	Hub Engineering
Structural Engineer	BMZ
Mechanical Engineer	WSP Canada
Electrical Engineer	Smith & Anderson
Payment Certifier	BTY Group

#### City of Port Coquitlam Community Recreation Complex Project Team





#### 5.0 DESIGN AND APPROVALS STATUS

#### **Conceptual Design**

Conceptual design is complete. Please refer to our Pre-Construction Due Diligence Report (v1.2), dated October 24, 2016 for comments on the Conceptual Design.

#### **Schematic Design**

Schematic design is complete. Please refer to our Pre-Construction Due Diligence Report (v1.2), dated October 24, 2016 for comments on the Schematic Design.

#### **Design Development & Working Drawings and Construction Documents**

The Design-Builder is developing design packages in phases. These include design packages for Building Permits, Tendering and Issued for Construction.

Below is an updated summary of the key design milestone submissions, as per the revised project schedule - updated October 17, 2019:

Drawing Package	Planned Date	Actual Date	Status	Comments
<b>Ground Works / Piling</b>	(1ABC)			
BP Submission	24-Feb-17	13-Apr-17	Complete	Construction Ongoing
IFT Drawings	24-Feb-17	6-Apr-17	Complete	Construction Ongoing
IFC Drawings	10-Apr-17	18-Aug-17	Complete	Construction Ongoing
Phase 1ABC - Structure	e			
IFT Drawings (F/R/C)	31-Aug-17	6-Oct-17	Complete	Construction Ongoing
IFC Drawings (F/R/C)	26-Oct-17	12-Dec-17	Complete	Construction Ongoing
IFT Drawings (S/Steel)	19-Oct-17	19-Dec-17	Complete	Construction Ongoing
IFC Drawings (S/Steel)	30-Nov-17	10-Jan-18	Complete	Construction Ongoing
Phase 1ABC Balance o	f Design			
BP Submission	14-Jul-17	28-Sep-17	Complete	Construction Ongoing
IFT Drawings	5-Oct-17	3-Oct-17	Complete	Construction Ongoing
IFC Drawings	16-Nov-17	31-Jan-18	Complete	Construction Ongoing
Phase 2ABC - Design				
BP Submission	19-Jan-18		Complete	Construction Ongoing
IFT Drawings	18-Mar-18		Complete	Construction Ongoing
IFC Drawings	12-Jul-18	19-Sep-19	Complete	Construction Ongoing



#### 5.0 Design and Approval Status (continued)

#### **Permits / Regulatory Approvals**

The following Building Permits have been issued for the construction works:

Regulatory Approval	<b>Planned Date</b>	<b>Award Date</b>	Status	Comments
Conservation Permit	1-Mar-17		Awarded	
Phase 1ABC Ground Works	24-Feb-17	19-Apr-17	Awarded	BP011873
Phase 1ABC Full BP	28-Sep-17	11-Oct-17	Awarded	BP011897
Phase 2ABC Full BP	18-Mar-18	11-Oct-17	Awarded	BP011897

A Development Permit was issued on August 18, 2017.

An Environmental Conservation Development Permit was scheduled to be issued to the Design-Builder on March 1, 2017. We understand this has now been issued.

A Building Permit (BP011822) was issued to the Design-Builder on October 17, 2017. This Building Permit covers all phases of the Project. The Design-Builder will continue to submit design submissions in phases to the Owner, as per the design schedule.

The following permits were issued to the Owner during the Occupancy process for Phase 1AB:

- Health Permit: Concessions and Lounge Food Services;
- · Refrigeration Plant Permit;
- · Electrical Permit; and
- Elevator Permits.

An Interim Occupancy Permit was issued by the City's Building Department on August 19, 2019 for the first phase of the Project.

The Design-Builder has applied for an abatement and demolition permit for Phase 2. We understand that this has been issued.



#### 6.0 PROCUREMENT & CONTRACT ADMINISTRATION

#### **Procurement Summary**

We understand that procurement and tendering is ongoing. The Design-Builder has confirmed that we will not be receiving a detailed procurement schedule, as part of their monthly reporting. The Design-Builder has included a summary of the trades awarded to date in their monthly progress report, dated October 18, 2019:

Bulk and detailed excavation Phases 1ABC; Glazing; Piling Phases 1ABC; Roofing;

Mechanical and Electrical; Metal Decking;

Refrigeration; Pump / Place / Finish;

Formwork Phases 1AB; Structural Steel; Reinforcement Phases 1ABC; Soil Anchors;

Cladding; Insulated Metal Panels;

Steel Stud; Paint;
Doors & Hardware; Flooring;

Tile; Dasher Boards; Rink Slabs: Overhead Doors:

Public Address; Washroom Accessories, Partitions,

& Lockers.;

Millwork; Fireplace;

Concrete Polishing; Pool Specialities;

Countertops; Sports Flooring & Equipment; Asphalt; and Ph2 – Bulk Ex and Excavation.

The following procurement milestones have been identified in the Design-Builder's schedule:

#### Phases 1ABC & 2ABC

• Phase 2ABC Tendering Complete by September 23, 2019.

NOTE – The Design-Builder has not informed us if this has been completed. The Design-Builder previously indicated that this will be complete by July 26, 2018.

#### Furniture, Fixtures and Equipment (FF&E) Procurement

A Master Procurement Schedule has been developed that identifies all items with vendors, lead-in times, delivery and installation details. We are coordinating with the Design-Builder to ensure all enabling works and infrastructure requirements get incorporated into the design. An FF&E Coordination follow up meeting was held on August 10, 2017, that finalized the draft list. We submitted a revised FF&E list to the Design-Builder on October 18, 2017 for review and coordination. Final feedback was received on October 12, 2018.

Final points of clarification have been worked through and coordinated in-line with the Design-Builder's schedule.



#### 6.0 Procurement & Contract Administration (continued)

We are finalizing the procurement of the FFE packages with the Owner. The following packages have been awarded:

- AV Systems PJS Systems Inc.
- Video Wall System Sapphire Sound Inc.
- Library Shelving & Furniture Jonathan Morgan and Company Ltd.
- Furniture Staples Business Advantage.
- Fitness Equipment Life Fitness, Fitness Town Commercial & Johnson Health Tech. Canada.

FFE installation has commenced and is ongoing in line with the Project Schedule.

#### **Project Coordination / Meeting**

Phase 1AB Interim Occupancy was granted on August 19, 2019. The next Occupancy Meeting for Phase 1C, is scheduled for October 1, 2019.

#### **Owner Request for Information (RFI)**

- Number of RFI's issued 152
- Number of RFI's Closed 146
- Number of RFI's Open 6



#### 7.0 PROJECT BUDGET

#### **Project Budget Summary**

The Project Budget is summarized below:

A Design and Construction	Dollar Value
1 Design-Builder Pre Contract Costs	\$983,000
2 Design-Builder Contract Price	\$116,717,000
3 Approved Changes	\$8,831,864
4 Current (Revised) Contract Price	\$125,548,864
5 Work Certified as Completed (Base Contract)	\$80,548,859
6 Current Cost to Complete (Base Contract)	\$45,000,005
7 Lien Holdback (Base Contract)	\$7,554,887
8 Lien Holdback Released	-\$6,552,157
B Non-Contract Costs	\$8,989,031
C Total Project Budget	\$135,520,895
9 Capital Utility Budget	-\$3,420,895
C Total Project Budget (Revised)	\$132,100,000

The Design and Construction Budget was prepared by the Design-Builder and forms part of their CCDC14 Design - Build Stipulated Price Contract (2013).

#### **Payment Certification**

BTY Group, the Payment Certifier has issued Certificate of Payment No. 33 dated October 18, 2019, which certifies the current payment due to the Design-Builder, under the terms of the Design-Build Contract ("DBC") for the period ending September 30, 2019.

In summary, the current payment liabilities of the Owner are:

Item	Dollar Value
Current Net	\$1,372,694
Current GST (5.0%)	\$68,635
Total Current Payable to the Design-Builder	\$1,441,328
Total Current Builders Lien Holdback	\$1,002,730

Please refer to Appendix 4 of this report for a copy of Certificate of Payment No. 33.



#### 7.0 Project Budget (continued)

#### **Change Order Management**

A summary of the approved Change Orders relative to the Project Budget between the Owner and the Design-Builder up to September 30, 2019 is as follows:

			Contingency Allocation
1	Bonding Requirements	\$1,800,000	Project Contingency
2	Temporary Power to Site	\$34,751	Project Contingency
3	Floor Area Changes	\$1,003,236	Project Contingency
5	Additional Back-Up Power	\$90,713	Project Contingency
7	Card Readers and Key Pads	\$16,698	Project Contingency
8	Library User Group Changes	\$86,287	Project Contingency
9	Accessible Washroom Emergency Alert	\$28,204	Project Contingency
10	Auto Door Openers	\$55,440	Project Contingency
11	Daycare - Card Readers & Alarms	\$9,834	Project Contingency
12	Additional CCTV	\$24,024	Project Contingency
14	Added Door Security	\$88,364	Project Contingency
17	Terry Fox Display Cases	\$4,950	Project Contingency
20	Exterior Building Signage	\$57,618	Project Contingency
21	Phase 1 Millwork Re-Design Services	\$7,975	Project Contingency
24	RCMP Panic Buttons	\$8,375	Project Contingency
25	Splash Park Recirc Design	\$13,640	Project Contingency
32	Temporary Referee Change Rooms	\$15,525	Project Contingency
	SUB-TOTAL SUB-TOTAL	\$3,345,634	
15	Scoreboard Credit	-\$42,760	FF&E
	SUB-TOTAL	-\$42,760	
4	Off Site Design Services	\$269,998	Off Sites / Capital Utility Budget
6	Additional Off Site Design Services	\$55,875	Off Sites / Capital Utility Budget
13	Offsite Scope of Work (Phase 1A)	\$1,698,500	Off Sites / Capital Utility Budget
16	Offsite Isolation Valves	\$37,711	Off Sites / Capital Utility Budget
18	Offsite Scope of Work (Phase 1B)	\$2,900,900	Off Sites / Capital Utility Budget
19	Hydro conduit relation at Kingsway	\$110,674	Off Sites / Capital Utility Budget
22	Offsite Storm Change @ Kingsway and Kelly	\$49,500	Off Sites / Capital Utility Budget
23	Bonding and Insurance Scope for Offiste Awarded	\$161,936	Off Sites / Capital Utility Budget
26	Offsite Telus and Shaw Redline IFCs	\$53,162	Off Sites / Capital Utility Budget
27	Manhole Extension	\$73,801	Off Sites / Capital Utility Budget
28	Kelly Sanitary	\$26,985	Off Sites / Capital Utility Budget
29	Kingsway Sanitary Conflict	\$60,745	Off Sites / Capital Utility Budget
30	Watermain Kelly and Mary Hill	\$17,954	Off Sites / Capital Utility Budget
31	Kelly Watermain extension	\$11,249	Off Sites / Capital Utility Budget
	CLID TOTAL	\$5,528,990	
	SUB-TOTAL	<b>\$3,320,330</b>	



#### 7.0 Project Budget (continued)

#### **Project Contingency**

Design and Construction Contingency – The design and construction contingency is being managed by the Design-Builder and forms part of the DBC. Any changes to the Design and Construction Budget will have been a result of an Owner originated Change Order.

#### **Claims Management**

There were no formal claims that we are aware of during this reporting period.

#### 8.0 PROJECT SCHEDULE

#### **Construction Progress (September End 2019)**

We conducted multiple site inspections on throughout September 2019. At the time of the inspections the status of work can be summarized as follows:

- Phase 1A: Participant Ice: Minor deficiencies and final staff training is ongoing.
- Phase 1B: Leisure Ice and Library: Minor deficiencies and final staff training is ongoing.
- Phase 1C Aquatic and Fitness Centre, All Age and Admin Areas: Fitness Centre fit-out, finishing and commissioning is ongoing. Pool waterproofing, testing fit-out is ongoing.

We received a copy of the Design-Builder's updated schedule – "Port Coquitlam Community Recreation Complex – Owner's Schedule: October 17<sup>th</sup> 2019 - Update".

The critical path activity runs through abatement, demolition, excavation, piling, foundations, structural steel and parkade construction in Phase 2.

This schedule forecasts that Phase 1C Fitness will be available this Fall and Aquatics this Winter.

We will continue to monitor the schedule very closely, focusing on the critical path activities and any associated risks that may impact Substantial Performance.

Please refer to Appendix 2 of this report for progress photographs recording construction activities during September 2019.



#### 8.0 Project Schedule (continued)

#### **Monthly Look Ahead**

During October 2019, the following key construction activities are scheduled (based on "Port Coquitlam Community Recreation Complex - Owner's Schedule: October 17th 2019 - Update".

#### Phase 1ABC – Rinks 2&3, Library and Div 9

- o Close out Construction Deficiencies; and
- Complete final staff training;

#### Phase 1C – Aquatics and Fitness Area

- Fitness Centre Complete all construction activities and achieve Occupancy;
- Aquatics Complete pool tank and deck waterproofing;
- Aquatics Complete pool testing;
- o Aquatics Commence pool tile; and
- o Aquatics Continue with millwork installation.

#### Phase 2

- o Continue with make-safe and demolition;
- o Complete library abatement; and
- o Commence Phase 2A bulk excavation.

#### 9.0 QUALITY ASSURANCE & QUALITY CONTROL

#### **Construction Inspection & Monitoring**

The Design-Builder is implementing a Quality Assurance and Quality Control (QAQC) program through the design and construction of the project. We are working closely with the Design-Builder and provide random audits of that program, review and opine on independent testing, physically review the quality of the construction activities, identify key inspections and tests that are completed, witness critical construction activities and collaborate with the Design-Builder to ensure optimum quality is achieved and maintained at all stages of the project.

We received a copy of Architect 49's Letter of Construction Conformance, dated October 10, 2019. The Lead Consultant has confirmed that the works on site are progressing generally in accordance with the IFC drawings, specifications and building permits issued to date. A copy of the Letter of Assurance is included in Appendix 6 of this report. A copy of their Site Report #56 is included in Appendix 7 of this report.

We did not receive a copy of BMZ's Construction Review during this reporting period from the Design-Builder.

We did not receive a copy of Smith and Anderson's Job Report during this reporting period from the Design-Builder.

We received a copy of WSP's Mechanical and Plumbing Field Report, dated October 2, 2019. Actions have been identified to be remedied by the Design-Builder.



#### 9.0 Quality Assurance & Quality Control (continued)

We performed multiple site inspections during September 2019 to witness and monitor the progress of the works. Please refer to Appendix 3 of this report for copies of the Site Inspection Reports for this reporting period. Please refer to historic monthly progress reports for commentary on various QAQC inspection and monitoring activities, relative to specific reporting periods.

#### 10.0 SAFETY AND ENVIRONMENTAL

On March 1, 2019 there was an accident on site where a crane truck tipped over. No one was hurt. WorkSafe BC attended site and investigated. A copy of the WorkSafe BC Report will be provided to the Owner. To date, this has not been received.

On April 8, 2019 there was an accident on site where a dump truck hit overhead lines on Kelly Avenue. No one was hurt. WorkSafe BC attended site and investigated. A copy of the WorkSafe BC Report will be provided to the Owner. To date, this has not been received.

The Design-Builder has confirmed that all trade incidents have been closed with WorkSafe BC.

The Design-Builder has a full-time security guard on site.

No incidents were reported during this reporting period.

#### 11.0 AREAS OF CONCERN & OUTSTANDING ISSUES

In general, all issues and actions raised within meetings and communications during September 2019 have been addressed or remain ongoing as part of the forthcoming design, procurement and construction phases.



### **APPENDIX 1**

Port Coquitlam Community Recreation Centre Complex – Owner's Schedule: October 17<sup>th</sup> 2019 - Update

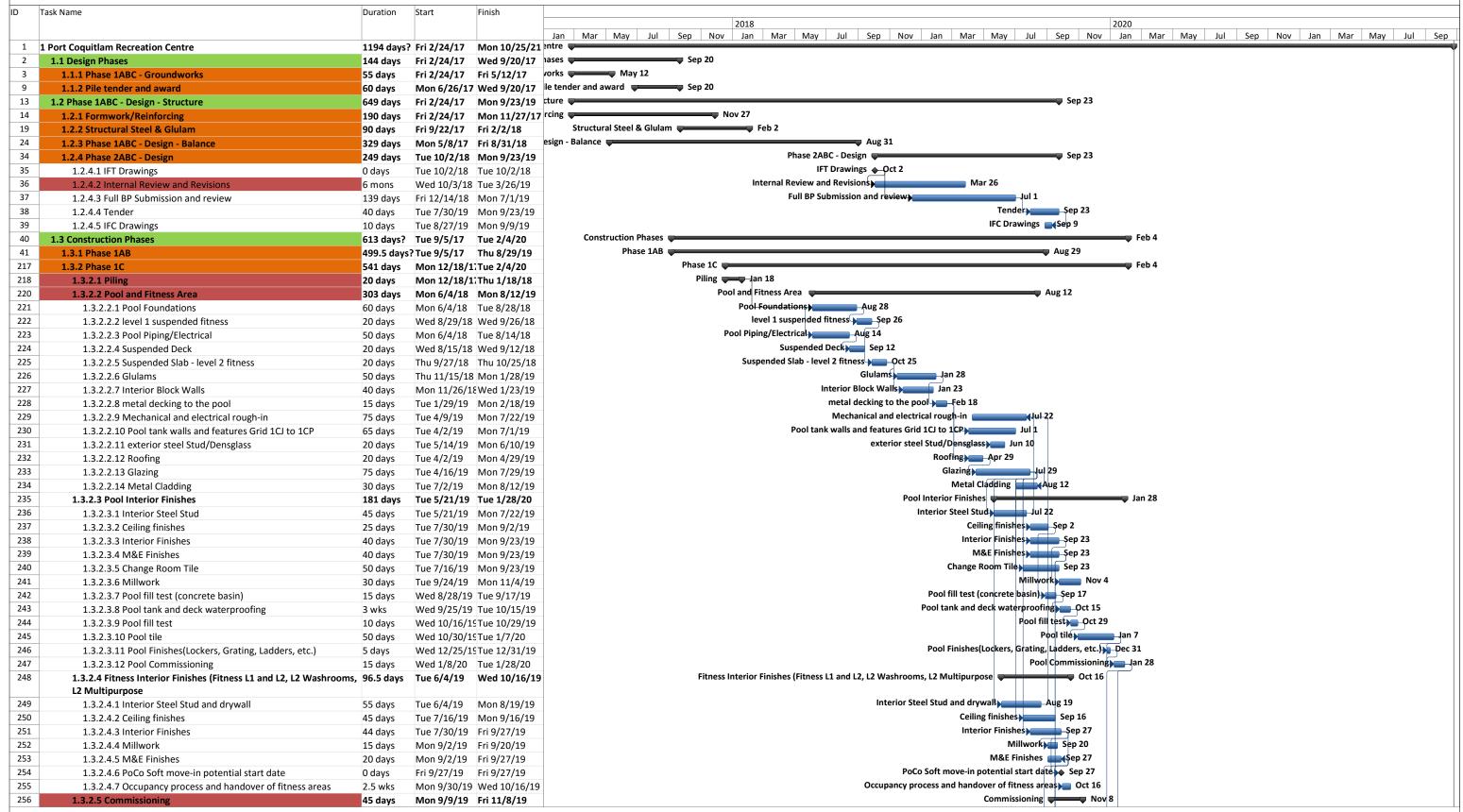
# ventana

#### PORT COQUITLAM COMMUNITY RECREATION COMPLEX - OWNER'S SCHEDULE

October 17th 2019 - Update

Ventana Construction Corporation

3875 Henning Dr. || Burnaby, BC || V5C 6N5 Office 604.291.9000 Fax 604.291.9992 Web VentanaConstruction.com

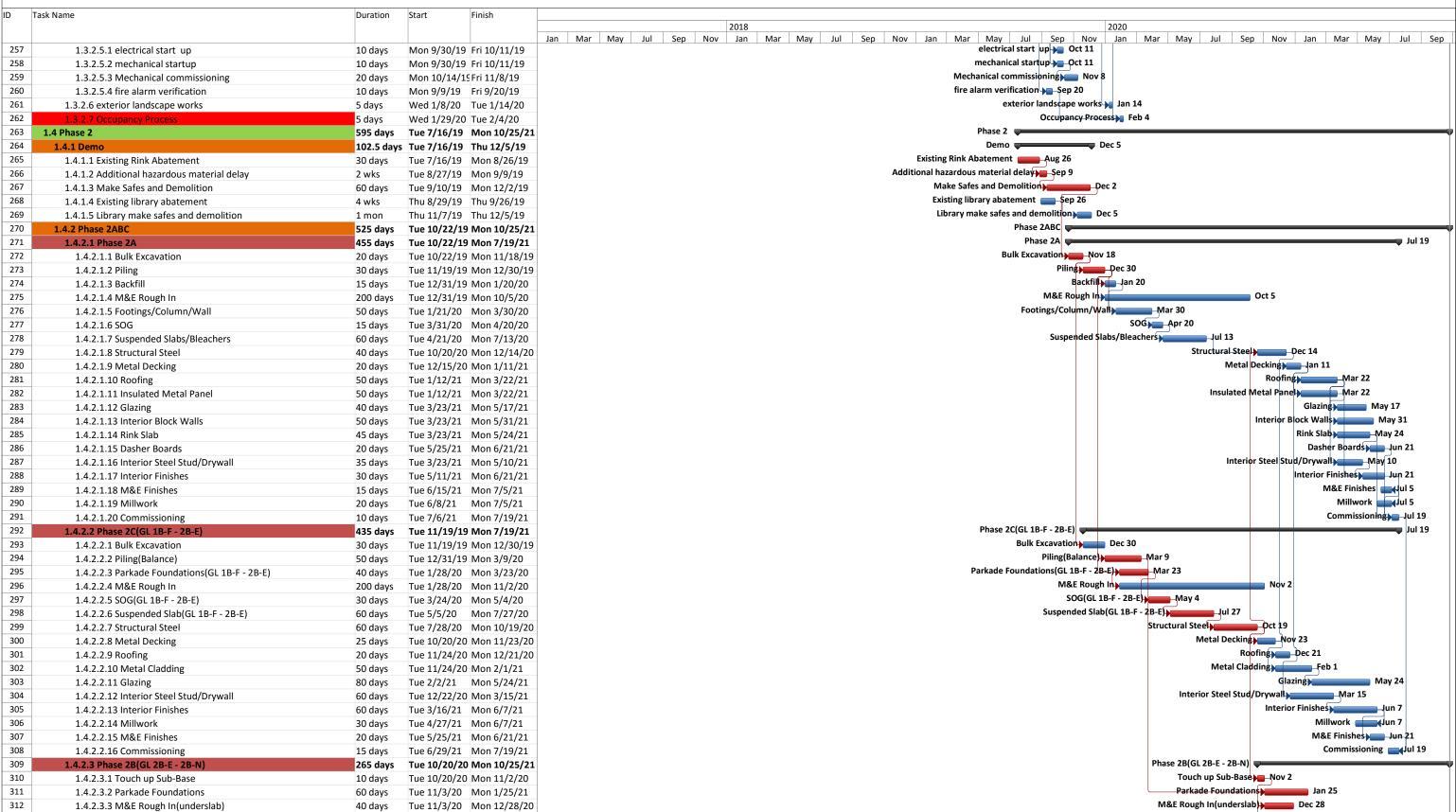


# ventana

# PORT COQUITLAM COMMUNITY RECREATION COMPLEX - OWNER'S SCHEDULE October 17th 2019 - Update

#### **Ventana Construction Corporation**

3875 Henning Dr. || Burnaby, BC || V5C 6N5 Office 604.291.9000 Fax 604.291.9992 Web VentanaConstruction.com



# PORT COQUITLAM COMMUNITY RECREATION COMPLEX - OWNER'S SCHEDULE October 17th 2019 - Update

Ventana Construction Corporation 3875 Henning Dr. || Burnaby, BC || V5C 6N5 Office 604.291.9000 Fax 604.291.9992 Web VentanaConstruction.com

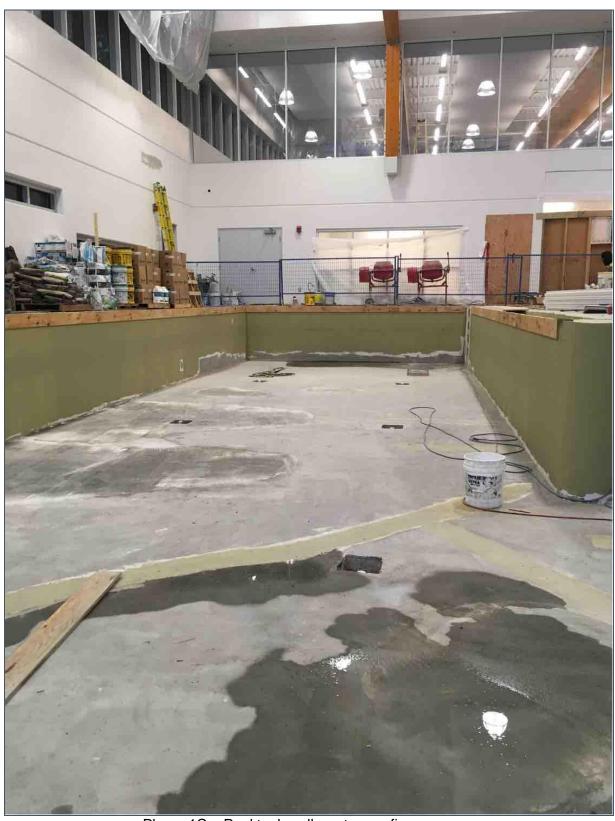
Task	Name	Duration	Start	Finish																										
										018											020									
					Jan	Mar May	Jul	Sep	Nov	Jan Ma	r Ma	/ Jul	Sep	Nov	Jan	Mar	May	Jul	Sep	Nov	Jan I	Mar I	May .	Jul S	Sep 1	Nov J	an M	ar Ma	ay Jul	Sep
313	1.4.2.3.4 SOG	50 days	Tue 12/1/20	Mon 2/8/21																					sog		Feb 8			
314	1.4.2.3.5 Suspended Slab	60 days	Tue 12/15/20	Mon 3/8/21																				Suspe	nded Sl	b)	M	lar 8		
315	1.4.2.3.6 M&E Rough in	120 days	Tue 12/15/20	Mon 5/31/21																				M&E	Rough	in <b>)</b>			⊢May 31	
316	1.4.2.3.7 Concrete Planters	40 days	Tue 2/9/21	Mon 4/5/21																				C	Concrete	Planter	s	Apr 5		
317	1.4.2.3.8 Waterproof Membrane	70 days	Tue 1/26/21	Mon 5/3/21																			,	Waterpr	roof Mei	mbrane		Ma	ay 3	
318	1.4.2.3.9 Sports Courts	120 days	Tue 5/4/21	Mon 10/18/21																						S	ports Cou	ırts		
319	1.4.2.3.10 Line Painting	20 days	Tue 6/1/21	Mon 6/28/21																							Line P	ainting	Jun 28	
320	1.4.2.3.11 Hard / Soft Landscaping	120 days	Tue 5/4/21	Mon 10/18/21																					Har	d / Soft	Landscap	ing		
321	1.4.2.3.12 M&E Finishes	60 days	Tue 6/1/21	Mon 8/23/21																							M&E F	inishes		Aug 23
322	1.4.2.3.13 Commissioning and life safety testing	30 days	Tue 8/24/21	Mon 10/4/21																					Co	mmissio	oning and	l life safe	ety testing	<u> </u>
323	1.4.2.3.14 Occupancy Process	15 days	Tue 10/5/21	Mon 10/25/21																								Occ	upancy Pro	cess



**APPENDIX 2** 

Progress Photographs – September 2019





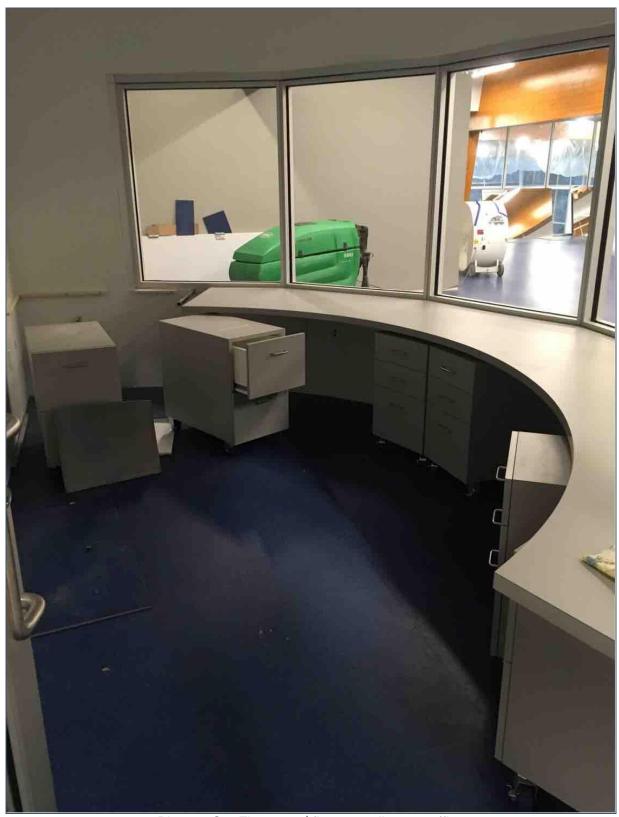
Phase 1C – Pool tank walls waterproofing progress





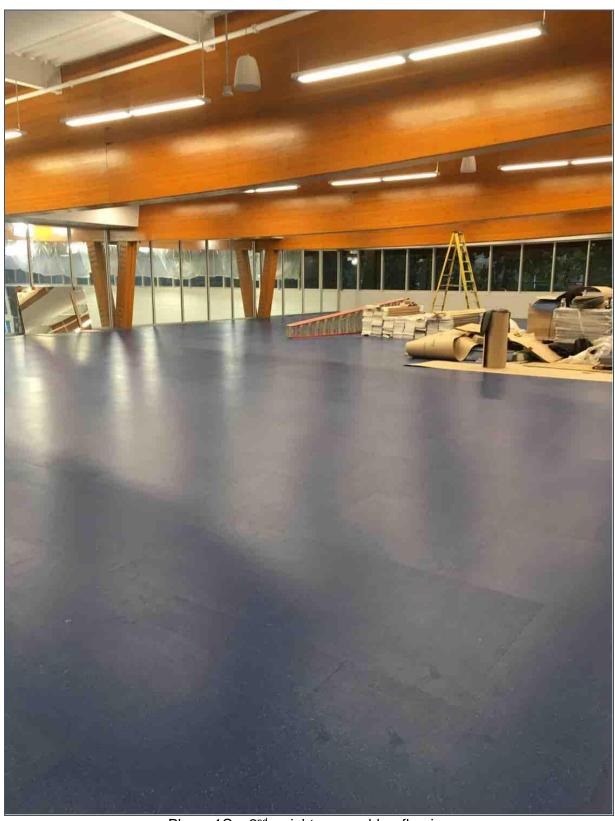
Phase 1C – Small MP room ready for floor finish





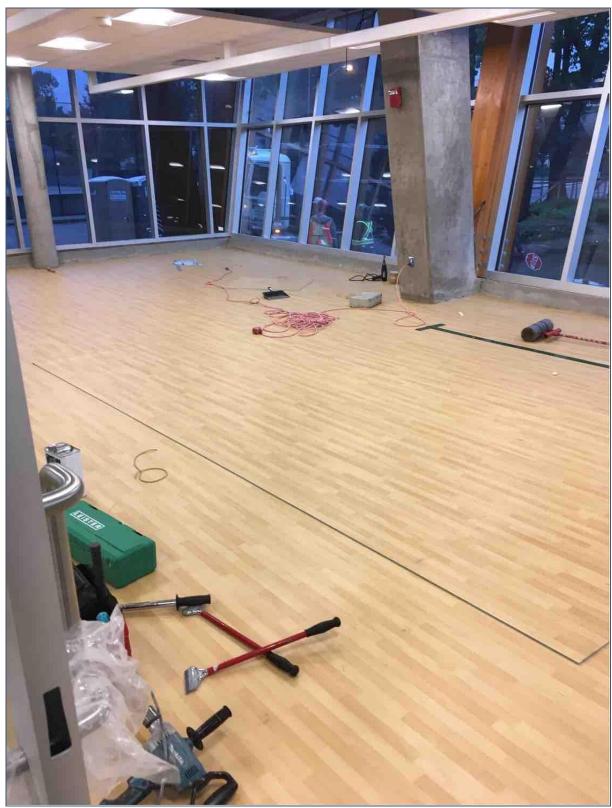
Phase 1C - Fitness 2<sup>nd</sup> floor coordinators office





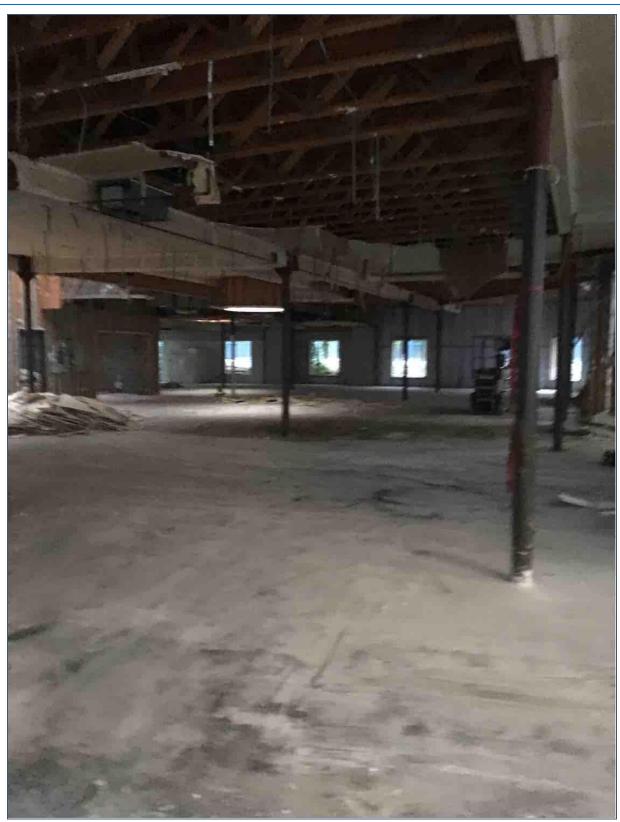
Phase 1C – 2<sup>nd</sup> weight room rubber flooring





Phase 1C – Wood floor in main floor fitness area





Phase 2 – Terry Fox Library demolition





Phase 2 – Blue Arena demolition



**APPENDIX 3** 

Site Inspection Reports: September 2019

# **Field Review Report**

Project: PCCC

Reporting Date: 2019-09-03
Prepared By: Alun Lewis



TANGO

Tango's Staff: (# on site)			Trade Contractor's	3		
Superintendents	1 Demolition	23	Waterproofing		Painting	4
Engineers	Site Work		Scaffolding		Misc. Specialties	
Office Staff	Landscaping		Spray Insul/Fire Proof		Cleaners	
CSO / First Aid	Paving		Caulking/Firestopping		Plumbing	5
Carpenters	Concrete Formwork		Roofing		Mechanical	3
Labourers	Rink prep / conc		Doors & Hardware		Refrigeration	
Operators	Reinforcing Steel		Windows/Glazing	8	Sprinklers	2
	Structural Steel		Exterior Cladding		Electrical	9
	Metal Decking		SS/Drywall		Controls	
	Masonry		Drywall Taper	2	Pool Piping	
	Rough Carpentry		Resilient Tile	4		
	Finish Carpentry		Ceramic Tile	1	Tango's Subtotal	
	Millwork	1	Elevator		Trade's Subtotal	62
					SITE TOTAL	

#### JOB DELAYS OR POSSIBLE DELAYS:

#### QAQC

As previously noted and discussed with Ventana

		COMMENTS: ( Job progress-schedule items started, not started etc.)  Comments
Demolition	22	2AB - Demo of exterior shell of blue arena. Asbestos abatement to green arena SW corner.
Demonition		
		Drywall & steelstud removal from meeting rooms adj existing reception area
Millwork	1	1C - Commence millwork install to main floor co-ordiantors office in weight room
Glazing	8	1C - Caulking window panes along N elevation.
Tapers	2	1C - Sanding walls to co-ordinators areas
Resilient Tile	4	1C - Floor prep and install gym flooring to 2nd floor weight and fitness areas
Ceramic tile	1	1C - Tiling to ceiling of sauna
Painting	4	1C - Painting CMU walls to staff area of pool and N elevation of pool concrete slab and shear walls
Plumbing	5	1C - Install sinks to female and male washrooms. Pool equipment room pumps and piping
Mechanical	3	1C - Metal HVAC to pool from RTU
Sprinkler	2	1C - Install drops into tiles to main floor weight room
Electrical	9	1C - Energizing lights to main floor weight & fitness area. Pulling wire to panels in parkade
		electrical room

# **Field Review Report**

Project: PCCC

Reporting Date: 2019-09-09
Prepared By: Alun Lewis

 Weather:
 Sunny:
 Rain:
 x
 Wind:
 Temperature:
 High of:
 19

 Cloudy:
 x
 Snow:
 Other:
 Low of:
 16

TANGO

Tango's Staff: (# on site)			Trade Contractor's			
Superintendents	1 Demolition	26	Waterproofing		Painting	7
Engineers	Site Work		Scaffolding		Misc. Specialties	2
Office Staff	Landscaping		Spray Insul/Fire Proof		Cleaners	
CSO / First Aid	Paving		Caulking/Firestopping		Plumbing	5
Carpenters	Concrete Formwork	2	Roofing		Mechanical	2
Labourers	Rink prep / conc		Doors & Hardware		Refrigeration	2
Operators	Reinforcing Steel		Windows/Glazing	5	Sprinklers	
	Structural Steel		Exterior Cladding		Electrical	10
	Metal Decking		SS/Drywall		Controls	2
	Masonry		Drywall Taper	3	Pool Piping	
	Rough Carpentry		Resilient Tile	6		
	Finish Carpentry		Ceramic Tile	4	Tango's Subtotal	
	Millwork		Elevator		Trade's Subtotal	76
	-				SITE TOTAL	

#### JOB DELAYS OR POSSIBLE DELAYS:

#### QAQC

As previously noted and discussed with Ventana

	GENERAL	COMMENTS: ( Job progress-schedule items started, not started etc.)
		Comments
Demolition	23	2AB - Green arena exterior demo. Blue arena interior demo, drywall removal from steelstud walls
		and asbestos abatement to CMU walls
Formwork	2	1C - Faceted formwork for lifeguard glazing
Glazing	5	1C - Beauty cap install to N & NW elevations
Tapers	3	1C - Patching and sanding walls after primer coat
Flooring	6	1C - Install rubber flooring to 2nd floor weight room
Ceramic tile	4	1C - Floor tiling to universal changeroom, male & female changeroom entrances
Painting	7	1C - Primer coat to walls of weight room, fitness area, coordinators area
Concrete grinding	2	1C - Commence main floor concrete slab grinding of high points, ahead of rubber floor install
Plumbing	5	1C - Pool piping to pool equipment room. Install sinks to male & female changerooms
Mechanical	4	1C - Working on HVAC ducting to 2nd floor. Commence commissioning of RYU's that control
		weights, changerooms areas
Electrical	10	1C - Install Fire Exit signage, bells and strobes. Wiring to parkade electrical room panels. Install
		panels and wiring to pool equipement room. Pulling wire to main floor coordinators area
Controls	2	1C - Control programming to boiler room panel

# **Field Review Report**

Project: PCCC

Reporting Date: 2019-09-24
Prepared By: Alun Lewis

 Weather:
 Sunny:
 x
 Rain:
 Wind:
 Temperature:
 High of:
 17

 Cloudy:
 x
 Snow:
 Other:
 Low of:
 12

TANGO

Tango's Staff: (# on site)			Trade Contractor's	3		
Superintendents	1 Demolition	13	Waterproofing		Painting	3
Engineers	Site Work		Scaffolding		Misc. Specialties	2
Office Staff	Landscaping		Spray Insul/Fire Proof		Cleaners	
CSO / First Aid	Paving		Caulking/Firestopping		Plumbing	4
Carpenters	Concrete Formwork	2	Roofing		Mechanical	2
Labourers	Rink prep / conc		Doors & Hardware		Refrigeration	
Operators	Reinforcing Steel		Windows/Glazing	4	Sprinklers	
	Structural Steel		Exterior Cladding		Electrical	8
	Metal Decking		SS/Drywall		Controls	1
	Masonry		Drywall Taper		Pool Piping	
	Rough Carpentry		Resilient Tile	4		
	Finish Carpentry		Ceramic Tile	3	Tango's Subtotal	
	Millwork		Elevator		Trade's Subtotal	46
					SITE TOTAL	

#### JOB DELAYS OR POSSIBLE DELAYS:

Corrections required to pool edge due to elevation and missing block out for tiling detail

#### QAQC

As previously noted and discussed with Ventana

	GENERAL C	OMMENTS: ( Job progress-schedule items started, not started etc.)	
		Comments	
Demolition	13 2	AB - Demo of blue arena structure. Interior strip of green arena and offices / reception area.	
	In	nterior strip of library	
Formwork	2 10	C - Strip formwork to faceted curb to lifeguard room and locker pads to universal changeroom	
Glazing	4 10	1C - Install frames & glass to outside of universal changeroom	
Flooring	4 10	C - Wood floor to 2nd floor fitness area	
Ceramic tile	3 10	C - Tiling to bench of staaff changeroom. Grouting to universal changeroom. Set forms for	
	po	ool liping edge. Waterproofing to pool	
Painting	3 10	C - Painting to stairwell from boiler room	
Mirrors	2 10	C - Install mirrors to main floor weight room walls	
Plumbing	4 10	C - Pool plumbing to pool equipment room. Insrtall faucets to male & female changerooms	
Electrical	8 10	C - Pulling wiring to electrical panels in parkade electrical room & boiler room. Commissioing	
	el	lectrical ahead of deficiency inspections	
HVAC	2 10	C - Work with controls contractor on HVAC commissioning	
Controls	1 10	1C - Controls programming of HVAC	



**APPENDIX 4** 

Certificate of Payment No.33: October 18, 2019

# **CERTIFICATE OF PAYMENT: No. 33 (Progress Claim 34)**



PROJECT:City of Port Coquitlam Community CentreFILE:3 - 9308LOCATION:2150 Wilson Ave, Port Coquitlam, BCINSPECTION DATE:01-Oct-19CERTIFICATE DATE:18-Oct-19

OwnerDesign-BuilderThe City of Port CoquitlamVentana Construction (Poco) Corp.2580 Shaughnessy St3875 Henning Dr.Port Coquitlam, BC V3C 3G3Burnaby, BC V5C 6N5Attention: Ms. Kristen DixonAttention: Mr. Andrew Cameron

			Contract	Price	С	hange orders	Re	evised Contract Price
Total Contract Amount			\$ 116,7	717,000	\$	8,831,863	\$	125,548,863
PAYMENT CALCULATION	Gross Amount to Date	Previous Period	Gross Amo Perio			Holdback		let Payment This Period
Total Work Completed	\$ 80,548,859	\$ 79,023,644	\$ 1,5	525,215	\$	152,522	\$	1,372,694
Total Work Completed	\$ 80,548,859	\$ 79,023,644	\$ 1,5	525,215	\$	152,522	\$	1,372,694
Add: Holdback Released	\$ 1,002,729	(1,002,729)	\$	0	\$	0	\$	0
Current Net Payable			\$ 1,5	525,215	\$	152,522	\$	1,372,694
Plus GST (5.0%) on Net Payable							\$	68,635
Total Current Payable Amount							\$	1,441,328
Holdback Retained to Date (incl. this Certificate)							\$	6,552,157
Total GST Paid to Date (incl. this Certificate)							\$	3,449,835
PROJECT COST TO COMPLETE							\$	45,000,005

This is to Certify that, for the Port Coquitlam Community Centre, a payment of \$1,441,328 (incl. GST) will be due to the Design Builder after the City of Port Coquitlam's Representative has given approval for payment for work completed during the period ending September 30, 2019. As per the Builder's Lien Act, a 10% holdback has been deducted amounting to \$152,522. The total holdback retained to date is \$6,552,157 and the total GST paid to date is \$3,449,835 (not including the pre-payment costs). The Adjusted Project Cost to Complete is \$45,000,005 (Not incl. GST & holdback).

CERTIFIED BY:	REVIEWED BY:
Mhr	hel the
Neil Murray, MRICS	Rob Wilson, MRICS, PQS
Associate Director	Director

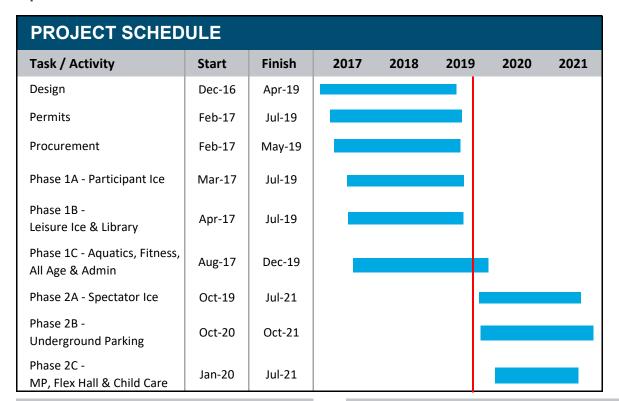


**APPENDIX 5** 

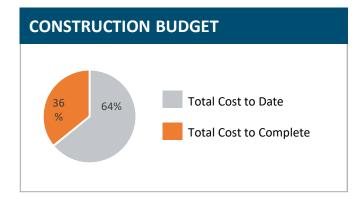
Project Dashboard - September 30, 2019

# **PROJECT DASH BOARD**

Updated: 2019-9-30



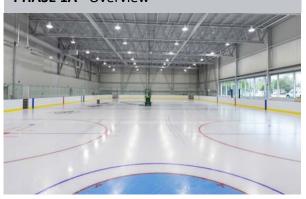












PHASE 1B - Overview





**APPENDIX 6** 

Architecture 49 Letter of Construction Conformance: October 10, 2019



Architecture49 Inc. 270 - 1075 West Georgia Vancouver BC Oct. 10, 2019

τ 1.604.736.5329 ε 1.604.736.1519 architecture49.com

V6E 3C9

Tango Management Group 2288 Manitoba Street Vancouver, BC V5Y 4B5

Attention: Lewis Reilly, Director

<u>Ireilly@tangomanagment.ca</u>

Reference: Port Coquitlam Community Recreation Complex, Port

Coquitlam, BC

Stella Muslet

To whom it may Concern:

We reviewed the project on-site on Sept. 27, 2019 and via photographs, and based on the visit, review, photos, inspection reports and ongoing correspondence with the site supervisor to date, we verify that to the best of knowledge the work is progressing generally in accordance with the project's IFC drawings, specifications and building permits issued to date.

Sincerely,

**ARCHITECTURE49 INC.** 

Stella Nicolet, Architect AIBC, AAA, AIA, LEED AP BD+C, CCCA, CCA

**Managing Principal** 



**APPENDIX 7** 

Architecture 49 Site Report #56: September 27, 2019

## ARCHITECTURE 49

## SITE REPORT

Mention of the items listed below shall constitute written notification to the Contractor that such items must be rectified or carried out as soon as practical to bring them in accordance with the contract drawings, approved shop drawings and/or specifications. Unless specifically noted to the contrary, this work shall be carried out as part of the contract price and at no additional cost to the owner. This shall not be construed as relieving the Contractor of the responsibility of making all work complete, accurate and in conformance with the drawings and specifications. The Contractor is responsible for the safety in and about the job site.

DATES:	Site Visit: Tuesday, 2019-09-27	Report Issued: 2019-10-07
PROJECT:	Port Coquitlam Community Recreation Complex	159-00406-02
ADDRESS:	2150 Wilson Ave, Port Coquitlam, BC	
BUILDING PERMIT #:	Permit No.: BP-011897	
GC CONTACT INFO:	Project Manager: Joseph Lenz - 778-628-3942 Proj Coordinator: Tallon O'Neill - 604-785-0176 Lead Site Superintendent: Jerry Brouwer – 778-255-4001	
REPORT BY:	Architecture49 – Adam Chambers	# Pages in Report: 43
REVIEWED BY:	Stella Nicolet	
VISIT REQUESTED BY:	Ventana Construction (POCO) Corporation	
ATTENDEES:	Architecture49 – Adam Chambers Time on Site: 9:30am – 12:30pm	
WEATHER:	Temp: 16°C Mark Applicable: Sunshi	ne X & Cloudy _ Rain _ Snow_
DIATE IN LIEU AND		

#### **DISTRIBUTION:**

Ventana Construction (PoCo) Corp, VCC:

Andrew Cameron, <u>acameron@ventanaconstruction.com</u>

Joseph Lenz, <u>ilenz@ventanaconstruction.com</u>

Tallon O'Neill, toneill@ventanaconstruction.com

Jerry Brouwer, jbrouwer@ventanaconstruction.com

Jayson Piesche, jpiesche@ventanaconstruction.com

 ${\color{red} \textbf{Matt Fraser,}} \ \underline{ \textbf{mfraser@ventanaconstruction.com}}$ 

Tango Management Group, TMG:

Lewis Reilly, Ireilly@tangomanagement.ca

Architecture49 Inc, A49:

Stella Nicolet, <a href="mailto:stella.nicolet@architecture49.com">stella.nicolet@architecture49.com</a>

Simon Mellor, <a href="mailto:simon.mellor@architecture49.com">simon.mellor@architecture49.com</a> Antonio Rigor, antonio.rigor@architecture49.com

Ruth Morrison, ruth.morrison@architecture49.com

Note: Item # prefix indicates report number.

#### **OBSERVATIONS**

ITEM	DESCRIPTION	ACTION
	General Notes/Observations:	
	Where no "ACTION" tagged in column to right, general observations are noted.	
	• References to <i>north, south, east, west</i> - dictated by the "Drawing Sheet Plan North".	
	<ul> <li>Site work appears in general compliance with the construction documents; unless noted otherwise.</li> </ul>	
	<ul> <li>Health and site safety measures observed to be in place.</li> </ul>	
	•	

ITEM	DESCRIPTION	ACTION
56.0		
	Items Viewed/Noted:	
	Steam room tiling and tile backer installation in progress.	
	<ol> <li>Pool change-room tiling in progress.</li> <li>Concrete finishing and waterproofing in Pool in progress.</li> </ol>	
	4. Hot tub fill test in progress.	
	Small Multi-Purpose Room flooring underway.	
	6. Level 2 washroom finishes in progress.	
	7. Demolition of existing community centre underway.	
	Demolition of existing library underway.	
	Level 1 and 2 Fitness Centre mirror wall installation in progress.	
	<ul><li>10. Pool change-room painting in progress.</li><li>11. Level 2 Fitness Studio door adjustments in progress.</li></ul>	
	12. Chlorine Room Floor Sealer in progress.	
	13. Level 1 and 2 Fitness Office Millwork installation in progress.	
	14. Pool Change-room accessories and hardware installation in progress.	
	15. Pool Change-room locker installation in progress.	
	16. P1AB Dry Change-room construction in progress.	
	The photos per categories noted here below and found on the following pages indicate observations made on site.	
	Photo Reference:	
	56.1 BUILDING EXTERIOR	
	56.2 BUILDING INTERIOR	
	56.3 ROOF	
	56.4 Miscellaneous Items:	
	A49 spoke with VCC about the pool fill tests that were and continue to be conducted. VCC advised that they would forward survey results from tests to A49 for our records.	VCC
	A49 observed pre-occupancy life and fire safety testing and demonstration of fire alarm systems and sprinkler function, with Mechanical and Electrical Consultants.	-
	VCC proposed that at the south elevation sliding doors in the pool that they would chip out 50mm of the existing concrete slab to allow for a deeper recess for the sill and waterproofing. This relates to the proposed detail in RFI-543.	-

## 159-00406-02 - POCO REC CENTRE

## **Site Observation Report**

Report Generated	Oct 07, 2019 at 11:21 AM
by	Adam Chambers
Message	Issue Detail
Total items in this report	33
Sorted By	Title (descending)
Filtered on	Status (Open) Subtype (Action Required, Deficiency, Observation) Created (from 2019-09-27 to 2019-10-03)

## Contents

#357 56.1.01 - Ext - Path from Stair 3 Exit Door to Sidewalk to be completed	3
#365 56.1.02 - Ext - Door 1C200 sill to be Sealed and Waterproofed	4
#369 56.1.03 - Ext - Repair or Replace Door S1C3A and Repair and Make Good Membrane Termination	5
#345 56.2.01 - Int - Pool Progress	6
#346 56.2.02 - Int - Level 2 Weight Room Progress	7
#347 56.2.03 - Int - Fire Stopping missing at Penetrations to Electrical Closet	8
#348 56.2.04 - Int - Alternate Solution Sprinklers in Stair 3	9
#349 56.2.05 - Int - Alternate Solution Signage at Sprinkler Control Valves	10
#350 56.2.06 - Int - Fire Separation of Parkade Level Vestibule at Stair 3 to be Reviewed and Updated	11
#351 56.2.07 - Int - Floor Sealant Progress	12
#352 56.2.08 - Int - Fire Stopping to be Completed	13
#353 56.2.09 - Int - Sealant to be Completed	14
#354 56.2.10 - Int - Grout Underneath Mullion to be Repaired and Made Good	15
#355 56.2.11 - Int - Sealant required at Glazing/Curb Interface	16
#356 56.2.12 - Int - Millwork installation progress in Fitness Office	17
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#360 56.2.14 - Int - Ceiling Tile Edge to be Completed around TRX Support Steel	19
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#362 56.2.16 - Int - Toilet Partitions and Hardware to be Installed	21
#363 56.2.17 - Int - Flooring Installation Progress in the Small Multipurpose Room	22
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#368 56.2.21 - Int - Tactile Warning and Contrasting Nosing to be Painted in Stair 3	26
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#371 56.2.23 - Int - Pool Entry Corridor Progress	28
#372 56.2.24 - Int - Pool Area Janitor Room Progress	29
#373 56.2.25 - Int - Steam Room Tile and Backer Progress	30
#374 56.2.26 - Int - Universal Change Room Progess	31
#376 56.2.27 - Int - Pool Change Room Paint Colour Termination	32
#377 56.2.28 - Int - Clean Up and Make Good Pipe Penetration	33
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#375 56.4.02 - Mis - Existing Community Centre Demolition Progress	35

### #357 56.1.01 - Ext - Path from Stair 3 Exit Door to Sidewalk to be completed.

**OPEN** 

Created Oct 02, 2019

Due Date

*Type / Subtype* Action Required / Action Required

Location P1C > Exterior > Wall > Pool/Fitness West (Door S1C3A to sidewalk)

Root Cause

Checklist Source

Reference Drawing

Creator Adam Chambers Architecture 49

Issue Owner Adam Chambers Architecture49

Assignee

Description Path to be completed from exit door to sidewalk.



IMG\_0188.JPG - Oct 02, 2019 - Adam Chambers

## #365 56.1.02 - Ext - Door 1C200 sill to be Sealed and Waterproofed

### **OPEN**

Created Oct 02, 2019

Due Date

*Type / Subtype* Action Required / Action Required

Location P1C > Exterior > Roof > Dehumidifier (Door to Dehumidifier roof from interior)

Root Cause

Checklist Source

Reference Drawing

Creator Adam Chambers Architecture49

Issue Owner Adam Chambers Architecture49

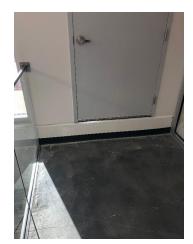
Assignee

Description Door 1C200 sill to be sealed and waterproofed. Daylight was visible from the interior of

building.



IMG\_0209.JPG - Oct 02, 2019 - Adam Chambers



IMG\_0208.JPG - Oct 02, 2019 - Adam Chambers

## #369 56.1.03 - Ext - Repair or Replace Door S1C3A and Repair and Make Good Membrane Termination

**OPEN** 

Created Oct 02, 2019

Due Date

Type / Subtype Action Required / Action Required

Location P1C > Exterior > Wall > Pool/Fitness West

Root Cause

Checklist Source

Reference Drawing

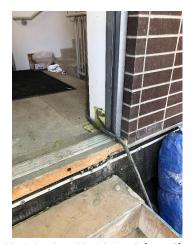
Creator Adam Chambers Architecture 49

Issue Owner Adam Chambers Architecture49

Assignee

Description Repair or replace door S1C3A. Seal around final door. Terminate membrane at door sill so that

it is not exposed to the interior.



IMG\_0223.JPG - Oct 02, 2019 - Adam Chambers

## #345 56.2.01 - Int - Pool Progress

#### **OPEN**

Created Oct 02, 2019

Due Date

*Type / Subtype* Observation / Observation

Location P1C > Level 1 > 1C139 - POOL

Root Cause

Checklist Source

Reference Drawing

**Creator Adam Chambers Architecture 49** 

Issue Owner Adam Chambers Architecture49

Assignee

Description Progress of the pool construction and fill tests.



IMG\_0153.JPG - Oct 02, 2019 - Adam Chambers



IMG\_0154.JPG - Oct 02, 2019 - Adam Chambers

## #346 56.2.02 - Int - Level 2 Weight Room Progress

#### **OPEN**

Created Oct 02, 2019

Due Date

*Type / Subtype* Observation / Observation

Location P1C > Level 2 > 1C231 - WEIGHT ROOM LEVEL 2

Root Cause

Checklist Source

Reference Drawing

Creator Adam Chambers Architecture49

Issue Owner Adam Chambers Architecture49

Assignee

Description Progress of the Level 2 Weight Room



IMG\_0155.JPG - Oct 02, 2019 - Adam Chambers



IMG\_0156.JPG - Oct 02, 2019 - Adam Chambers

## #347 56.2.03 - Int - Fire Stopping missing at Penetrations to Electrical Closet

### **OPEN**

Created Oct 02, 2019

Due Date

*Type / Subtype* Action Required / Action Required

Location P1C > Level 2 > 1C227 - SPORT MEDICINE

Root Cause

Checklist Source

Reference Drawing

Creator Adam Chambers Architecture49

Issue Owner Adam Chambers Architecture49

Assignee

Description Through penetrations into Electrical Closet 1C225 to be Fire Stopped. Continuation of item

52.276



IMG\_0157.JPG - Oct 02, 2019 - Adam Chambers



IMG\_0161.JPG - Oct 02, 2019 - Adam Chambers

## #348 56.2.04 - Int - Alternate Solution Sprinklers in Stair 3

#### **OPEN**

Created Oct 02, 2019

Due Date

*Type / Subtype* Observation / Observation

Location P1C > Level 2 > S1C3 - STAIR 1C3

Root Cause

Checklist Source

Reference Drawing

Creator Adam Chambers Architecture49

Issue Owner Adam Chambers Architecture49

Assignee

Description Alternate Solution Sprinklers have been installed at interior glazing in Stair 3.



IMG\_0162.JPG - Oct 02, 2019 - Adam Chambers

### #349 56.2.05 - Int - Alternate Solution Signage at Sprinkler Control Valves

**OPEN** 

Created Oct 02, 2019

Due Date

Type / Subtype Observation / Observation

Location P1C > Parking > 1C001 - BOILER ROOM (Sprinkler Valve Bank in North-East Corner of room.)

Root Cause

Checklist Source

Reference Drawing

Creator Adam Chambers Architecture 49

Issue Owner Adam Chambers Architecture49

Assignee

Description Required signage as part of the alternate solution for glazing in fire separations is visible and

placed on correct sprinkler zones.



IMG\_0166.JPG - Oct 02, 2019 - Adam Chambers



IMG\_0167.JPG - Oct 02, 2019 - Adam Chambers

## #350 56.2.06 - Int - Fire Separation of Parkade Level Vestibule at Stair 3 to be Reviewed and Updated

**OPEN** 

Created Oct 02, 2019

Due Date

*Type / Subtype* Action Required / Action Required

Location P1C > Parking > 1C009 - VESTIBULE

Root Cause

Checklist Source

Reference Drawing

Creator Adam Chambers Architecture49

Issue Owner Adam Chambers Architecture49

Assignee

Description Based on discussions while onsite, A49 to issue SI for Fire Rated ceiling to maintain continuity

of fire separation. Door S1C0 to be changed for a 1.5 HR rated door to maintain Stair 3

separation from building for Fitness Centre Occupancy.

Post Review Note: SI-188 was issued addressing both of these changes to Architectural

Drawings.



IMG\_0169.JPG - Oct 02, 2019 - Adam Chambers



IMG\_0168.JPG - Oct 02, 2019 - Adam Chambers

## #351 56.2.07 - Int - Floor Sealant Progress

#### **OPEN**

*Created* Oct 02, 2019

Due Date

*Type / Subtype* Observation / Observation

Location P1C > Parking > 1C004 - CHLORINE STORAGE ROOM

Root Cause

Checklist Source

Reference Drawing

Creator Adam Chambers Architecture49

Issue Owner Adam Chambers Architecture49

Assignee

Description Progress of the chemical resistant sealant.



IMG\_0175.JPG - Oct 02, 2019 - Adam Chambers

## #352 56.2.08 - Int - Fire Stopping to be Completed

### **OPEN**

Created Oct 02, 2019

Due Date

*Type / Subtype* Action Required / Action Required

Location P1C > Level 1 > 1C124B - STORAGE (Mechanical Shaft Walls)

Root Cause

Checklist Source

Reference Drawing

Creator Adam Chambers Architecture49

Issue Owner Adam Chambers Architecture49

Assignee

*Description* Fire Stopping to be completed at penetrations and joints of mechanical shaft.



IMG\_0180.JPG - Oct 02, 2019 - Adam Chambers



IMG\_0178.JPG - Oct 02, 2019 - Adam Chambers

### #353 56.2.09 - Int - Sealant to be Completed

### **OPEN**

Created Oct 02, 2019

Due Date

*Type / Subtype* Action Required / Action Required

Room at Exterior Curtain Wall.)

Root Cause

Checklist Source

Reference Drawing

Creator Adam Chambers Architecture 49

Issue Owner Adam Chambers Architecture49

Assignee

Description Sealant between storefront glazing and curtain wall to be completed.



IMG\_0182.JPG - Oct 02, 2019 - Adam Chambers

## #354 56.2.10 - Int - Grout Underneath Mullion to be Repaired and Made Good

**OPEN** 

Created Oct 02, 2019

Due Date

*Type / Subtype* Action Required / Action Required

Location P1C > Level 1 > 1C121 - WEIGHT ROOM LEVEL 1 (Exterior wall between GL's 1C-5 and 1C-6)

Root Cause

Checklist Source

Reference Drawing

Creator Adam Chambers Architecture49

Issue Owner Adam Chambers Architecture 49

Assignee

Description Grout underneath mullion to be repaired and made good.



IMG\_0184.JPG - Oct 02, 2019 - Adam Chambers



IMG\_0183.JPG - Oct 02, 2019 - Adam Chambers

## #355 56.2.11 - Int - Sealant required at Glazing/Curb Interface

**OPEN** 

Created Oct 02, 2019

Due Date

Type / Subtype Action Required / Action Required

Location P1C > Level 1 > 1C121 - WEIGHT ROOM LEVEL 1 (Intersection of Exterior and Interior Glazing

near Entrance to Weight Room)

Root Cause

Checklist Source

Reference Drawing

Creator Adam Chambers Architecture 49

Issue Owner Adam Chambers Architecture49

Assignee

Description Gap between mullion and concrete curb to be sealed.



IMG\_0185.JPG - Oct 02, 2019 - Adam Chambers

## #356 56.2.12 - Int - Millwork installation progress in Fitness Office

### **OPEN**

Created Oct 02, 2019

Due Date

*Type / Subtype* Observation / Observation

Location P1C > Level 1 > 1C122 - FITNESS OFFICE

Root Cause

Checklist Source

Reference Drawing

Creator Adam Chambers Architecture49

Issue Owner Adam Chambers Architecture 49

Assignee

Description Progress of the millwork installation in Fitness Office 1C122.



IMG\_0187.JPG - Oct 02, 2019 - Adam Chambers



IMG\_0186.JPG - Oct 02, 2019 - Adam Chambers

## #359 56.2.13 - Int - Column Finish to be Repaired

**OPEN** 

Created Oct 02, 2019

Due Date

*Type / Subtype* Action Required / Action Required

Location P1C > Level 1 > 1C123 - FITNESS STUDIO (West side of room)

Root Cause

Checklist Source

Reference Drawing

Creator Adam Chambers Architecture49

Issue Owner Adam Chambers Architecture 49

Assignee

Description Concrete repair to column is cracking. Repair and make good.



IMG\_0194.JPG - Oct 02, 2019 - Adam Chambers

## #360 56.2.14 - Int - Ceiling Tile Edge to be Completed around TRX Support Steel

**OPEN** 

Created Oct 02, 2019

Due Date

*Type / Subtype* Action Required / Action Required

Location P1C > Level 1 > 1C123 - FITNESS STUDIO

Root Cause

Checklist Source

Reference Drawing

Creator Adam Chambers Architecture 49

Issue Owner Adam Chambers Architecture 49

Assignee

Description Ceiling Tile edge around TRX support steel to be completed with corner pieces to match similar

openings through ceiling.



IMG\_0195.JPG - Oct 02, 2019 - Adam Chambers

## **#361 56.2.15 - Int - Repair or Replace Door S1C3**

#### **OPEN**

Created Oct 02, 2019

Due Date

*Type / Subtype* Action Required / Action Required

Location P1C > Level 1 > S1C3 - STAIR 1C3

Root Cause

Checklist Source

Reference Drawing

**Creator Adam Chambers** Architecture49

Issue Owner Adam Chambers Architecture49

Assignee

Description Repair or replace door S1C3 as gaps visible around door.



IMG\_0199.JPG - Oct 02, 2019 - Adam Chambers



IMG\_0198.JPG - Oct 02, 2019 - Adam Chambers

#### #362 56.2.16 - Int - Toilet Partitions and Hardware to be Installed

### **OPEN**

Created Oct 02, 2019

Due Date

*Type / Subtype* Action Required / Action Required

Location 1C222 & 1C223

Root Cause

Checklist Source

Reference Drawing

Creator Adam Chambers Architecture49

Issue Owner Adam Chambers Architecture49

Assignee

Description Toilet partitions and hardware to be installed.



IMG\_0202.JPG - Oct 02, 2019 - Adam Chambers



IMG\_0204.JPG - Oct 02, 2019 - Adam Chambers

## #363 56.2.17 - Int - Flooring Installation Progress in the Small Multipurpose Room

**OPEN** 

Created Oct 02, 2019

Due Date

*Type / Subtype* Observation / Observation

Location P1C > Level 2 > 1C220 - SMALL MULTIPURPOSE

Root Cause

Checklist Source

Reference Drawing

Creator Adam Chambers Architecture49

Issue Owner Adam Chambers Architecture 49

Assignee

Description Progress of the patterned flooring installation.



IMG\_0206.JPG - Oct 02, 2019 - Adam Chambers

## #364 56.2.18 - Int - Flashing around Glulam

#### **OPEN**

Created Oct 02, 2019

Due Date

*Type / Subtype* Observation / Observation

Location P1C > Level 2 > 1C220 - SMALL MULTIPURPOSE

Root Cause

Checklist Source

Reference Drawing

Creator Adam Chambers Architecture49

Issue Owner Adam Chambers Architecture 49

Assignee

Description Metal flashing installation around Glulam penetration of concrete shear wall.



IMG\_0207.JPG - Oct 02, 2019 - Adam Chambers

### #366 56.2.19 - Int - Flooring Base to be installed.

**OPEN** 

Created Oct 02, 2019

Due Date

*Type / Subtype* Action Required / Action Required

Location P1C > Level 2 > 1C230 - FITNESS STUDIO

Root Cause

Checklist Source

Reference Drawing

**Creator Adam Chambers** Architecture49

Issue Owner Adam Chambers Architecture 49

Assignee

Description Flooring base around room and columns was discussed with VCC as traditional rubber base

may not be wide enough to cover expansion gap. A49 would prefer a product similar to

Johnsonite Vented Cove Base.



IMG\_0215.JPG - Oct 02, 2019 - Adam Chambers



IMG\_0216.JPG - Oct 02, 2019 - Adam Chambers

## #367 56.2.20 - Int - Scratches on Glazing Mullion to be Repaired

### **OPEN**

Created Oct 02, 2019

Due Date

*Type / Subtype* Action Required / Action Required

Location P1C > Level 2 > 1C231 - WEIGHT ROOM LEVEL 2 (East side of glazing around Stair 3.)

Root Cause

Checklist Source

Reference Drawing

Creator Adam Chambers Architecture 49

Issue Owner Adam Chambers Architecture 49

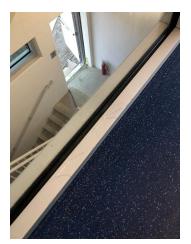
Assignee

Description Scratches on glazing mullions to be repaired. Glazing installer noted that the glazing caps can

be replaced to eliminate the scratches.



IMG\_0217.JPG - Oct 02, 2019 - Adam Chambers



IMG\_0218.JPG - Oct 02, 2019 - Adam Chambers

## #368 56.2.21 - Int - Tactile Warning and Contrasting Nosing to be Painted in Stair 3

**OPEN** 

Created Oct 02, 2019

Due Date

*Type / Subtype* Action Required / Action Required

Location P1C > Level 1 > S1C3 - STAIR 1C3 (Stair nosing and tactile warning at all levels)

Root Cause

Checklist Source

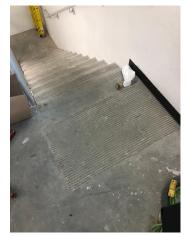
Reference Drawing

Creator Adam Chambers Architecture 49

Issue Owner Adam Chambers Architecture 49

Assignee

Description Tactile warning and contrasting nosing to be painted.



IMG\_0221.JPG - Oct 02, 2019 - Adam Chambers

## #370 56.2.22 - Int - Pool Area Staff Change Room Progress

### **OPEN**

Created Oct 02, 2019

Due Date

*Type / Subtype* Observation / Observation

Location P1C > Level 1 > 1C136 - STAFF CR

Root Cause

Checklist Source

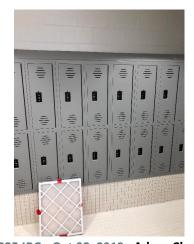
Reference Drawing

Creator Adam Chambers Architecture49

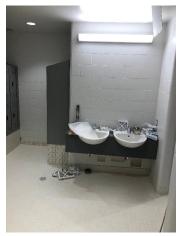
Issue Owner Adam Chambers Architecture49

Assignee

Description



IMG\_0225.JPG - Oct 02, 2019 - Adam Chambers



IMG\_0226.JPG - Oct 02, 2019 - Adam Chambers

## #371 56.2.23 - Int - Pool Entry Corridor Progress

OPEN

Created Oct 02, 2019

Due Date

*Type / Subtype* Observation / Observation

Location P1C > Level 1 > 1C125 - CORRIDOR

Root Cause

Checklist Source

Reference Drawing

Creator Adam Chambers Architecture49

Issue Owner Adam Chambers Architecture49

Assignee

Description



IMG\_0227.JPG - Oct 02, 2019 - Adam Chambers

## #372 56.2.24 - Int - Pool Area Janitor Room Progress

#### **OPEN**

*Created* Oct 02, 2019

Due Date

*Type / Subtype* Observation / Observation

Location P1C > Level 1 > 1C138 - JANITOR

Root Cause

Checklist Source

Reference Drawing

**Creator Adam Chambers Architecture 49** 

Issue Owner Adam Chambers Architecture 49

Assignee

Description



IMG\_0228.JPG - Oct 02, 2019 - Adam Chambers

## #373 56.2.25 - Int - Steam Room Tile and Backer Progress

**OPEN** 

Created Oct 02, 2019

Due Date

*Type / Subtype* Observation / Observation

Location P1C > Level 1 > 1C140 - STEAM ROOM

Root Cause

Checklist Source

Reference Drawing

**Creator Adam Chambers Architecture 49** 

Issue Owner Adam Chambers Architecture49

Assignee

Description



IMG\_0232.JPG - Oct 02, 2019 - Adam Chambers

## #374 56.2.26 - Int - Universal Change Room Progess

#### **OPEN**

*Created* Oct 02, 2019

Due Date

*Type / Subtype* Observation / Observation

Location P1C > Level 1 > 1C126 - UNIVERSAL CHANGE ROOM

Root Cause

Checklist Source

Reference Drawing

**Creator Adam Chambers** Architecture49

Issue Owner Adam Chambers Architecture49

Assignee

Description



IMG\_0234.JPG - Oct 02, 2019 - Adam Chambers



IMG\_0233.JPG - Oct 02, 2019 - Adam Chambers

## #376 56.2.27 - Int - Pool Change Room Paint Colour Termination

**OPEN** 

Created Oct 02, 2019

Due Date

*Type / Subtype* Action Required / Action Required

Location P1C > Level 1 > 1C125 - CORRIDOR (Entrance to Male and Female Change Rooms)

Root Cause

Checklist Source

Reference Drawing

Creator Adam Chambers Architecture49

Issue Owner Adam Chambers Architecture49

Assignee

Description Continue paint EP9 around end of block wall to meet with current edge of EP6.



IMG\_0229.JPG - Oct 02, 2019 - Adam Chambers

## #377 56.2.28 - Int - Clean Up and Make Good Pipe Penetration

**OPEN** 

Created Oct 02, 2019

Due Date

*Type / Subtype* Action Required / Action Required

Location P1C > Level 2 > 1C231 - WEIGHT ROOM LEVEL 2 (East Side near mirror wall)

Root Cause

Checklist Source

Reference Drawing

Creator Adam Chambers Architecture49

Issue Owner Adam Chambers Architecture49

Assignee

Description Repair and make good membrane at pipe penetration.



IMG\_0801.JPG - Oct 02, 2019 - Adam Chambers

## #358 56.4.01 - Mis - Existing Library Demolition Progress

### **OPEN**

Created Oct 02, 2019

Due Date

*Type / Subtype* Observation / Observation

**Location** Existing Library

Root Cause

Checklist Source

Reference Drawing

**Creator Adam Chambers Architecture 49** 

Issue Owner Adam Chambers Architecture49

Assignee

Description Demolition work on the existing library has begun.



IMG\_0193.JPG - Oct 02, 2019 - Adam Chambers

## #375 56.4.02 - Mis - Existing Community Centre Demolition Progress

#### **OPEN**

*Created* Oct 02, 2019

Due Date

*Type / Subtype* Observation / Observation

**Location** Existing Community Centre

Root Cause

Checklist Source

Reference Drawing

**Creator Adam Chambers** Architecture 49

Issue Owner Adam Chambers Architecture49

Assignee

Description



IMG\_0244.JPG - Oct 02, 2019 - Adam Chambers



IMG\_0242.JPG - Oct 02, 2019 - Adam Chambers

## ARCHITECTURE 49

## SITE REPORT

#### **ISSUES TO RESOLVE:**

(Not to circumvent RFI process)

#### **Previous Report Items:**

- 52.276 Conduit penetration into Electrical Room to be fire-stopped.
- 52.277 Remove poly-vapour barrier and insulation from stud wall.
- 53.3.1. #287 Roof Missing caulking at s-lock parapet flashing. Provide Roofing Inspection Reports.
- 53.3.3. #289 Roof Scupper installation details; repair and make good.
- 53.3.4. #290 Roof Repair and make good bulges in adhered membrane Ireview with roof manufacturer/supplier].
- 53.3.5. #291 Roof Excessive amount of patching; gap at curb flashing to be repaired and made good. Provide Roofing Inspection Reports to indicate review of patch work acceptable.
- 53.2.4. #295 Interior End cap/cover required at south end of west side concrete wall. Site noted as addressed. To be reviewed next visit.
- 53.1.1. #296 Exterior Rebar interference with future landscaping at south entrance.
- 54.2.03. #304 Interior Pool ceiling panel installation.
- 54.2.08. #310 Interior Curtain wall fire-stopping detail to be provided for review. Confirmation of installed products to be provided.
- 54.2.11. #313 Interior Fire-stopping at Stair 3 Bulkhead
- 54.2.12. #314 Interior Cracked interior gypsum finish.
- 55.1.01. #319 Exterior Fix holes in west facing glulam beam and areas where the glulam has been damaged.
- 55.1.02. #320 Exterior Repair & make good stained west facing glulam beam.
- 55.2.10. #331 Interior Repair Holes and Seams in the foil face membrane of
- 55.2.15. #336 Interior Concrete Edge at Level 2 glazing between pool and fitness centre to be repaired
- 55.2.19. #343 Interior Phase 1 Skate Lobby Resilient Tile Flooring Repairs.
- 55.3.01. #340 Roof Gaps to be repaired.

#### This Report Items:

- 56.2.03. #347 Interior Fire Stopping Missing at Penetrations to Electrical
- 56.2.06. #350 Interior Fire Separation of Parkade Level Vestibule at Stair 3.
- 56.2.08. #352 Interior Fire Stopping to be Completed.
- 56.2.09. #353 Interior Sealant to be Complete.
- 56.2.10. #354 Interior Grout underneath Mullion to be Repaired and Made Good.
- 56.2.11. #355 Interior Sealant Required at Glazing/Curb Interface.
- 56.1.01. #357 Exterior Path from Stair 3 Exit Door to Sidewalk to be completed.
- 56.2.13. #359 Interior Column Finish to be Repaired.
- 56.2.14. #360 Interior Ceiling Tile Edge to be Completed around TRX Support
- 56.2.15. #361 Interior Repair or Replace Door S1C3.
- 56.2.16. #362 Interior Toilet Partitions and Hardware to be installed.
- 56.1.02. #365 Exterior Door 1C200 Sill to be Sealed and Waterproofed.
- 56.2.19. #366 Interior Flooring Base to be Installed.
- 56.2.20. #367 Interior Scratches on Glazing Mullion to be Repaired.
- 56.2.21. #368 Interior Tactile Warning and Contrasting Nosing to be Painted.
- 56.1.03. #369 Exterior Repair or Replace Door S1C3A and Repair and Make Good Membrane Termination.
- 56.2.27. #376 Interior Pool Change Room Paint Colour Termination.
- 56.2.28. #377 Interior Clean Up and Make Good Pipe Penetration.

## **SITE REPORT**

#### **ISSUES RESOLVED:**

(Since last Report)

- 54.2.14. #316 Interior Hot Tub drainage openings in concrete wall. 55.2.07. #328 Interior A49 to coordinate fire stopping detail based on site constructed condition and discussion with VCC.



## #316 54.2.14 - Int - Hot Tub Drainage Openings Required

**CLOSED** 

*Created* Aug 21, 2019

Due Date

*Type / Subtype* Action Required / Action Required

Location P1C > Level 1 > 1C139 - POOL (North Hot Tub Wall)

Root Cause

Checklist Source

Reference Drawing

Creator Adam Chambers Architecture 49

Issue Owner Adam Chambers Architecture49

Assignee

Description Provide openings through concrete wall as noted on Drawing A-P1C-1101.



IMG\_0240.JPG - Oct 02, 2019 - Adam Chambers



IMG\_0115.JPG - Aug 21, 2019 - Adam Chambers



# #328 55.2.07 - Int - Firestopping Detail at Stair 3 to be Coordinated

CLOSED

Created Sep 03, 2019

Due Date

*Type / Subtype* Action Required / Action Required

Location P1C > Level 2 > S1C3 - STAIR 1C3 (South glazing intersection with exterior curtain wall.)

Root Cause

Checklist Source

Reference Drawing

Creator Adam Chambers Architecture 49

Issue Owner Adam Chambers Architecture 49

Assignee

Description A49 to review with Hilti firestopping detail of storefront glazing to curtain wall.

#### Response

Hilti detail CED 344686a provided by A49 was not installed. VCC has advised on Sept. 30, 2019 that they have constructed the termination in accordance with ULC Design W414 and applied Hilti CP 606 at the transitions to the adjacent glazed assemblies. A49 is comfortable with VCC's installation.

By Adam Chambers - Oct 07, 2019 Architecture49



IMG\_0219.JPG - Oct 04, 2019 - Adam Chambers



IMG\_0220.JPG - Oct 04, 2019 - Adam Chambers



IMG\_20190827\_144547.jpg - Sep 03, 2019 - Adam Chambers

## SITE REPORT

#### **END OF ARCHITECTURAL SITE OBSERVATION REPORT #56**

Prepared by:

ARCHITECTURE 49

Odam Dansers

**Adam Chambers,** B.Arch.Sc Building Technologist