

**AGENDA**  
**of the**  
**FAMILY AQUATIC COMPLEX STEERING COMMITTEE**  
**Friday, April 5, 2013**  
**3:00 p.m.**  
**Town of Walkerville Meeting Room**  
**3<sup>rd</sup> floor, City Hall**

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1. **CALL TO ORDER**
  
2. **ADOPTION OF THE MINUTES**  

Adoption of the minutes of the meeting held on February 7, 2013 – *(previously distributed)*.
  
3. **DECLARATIONS OF CONFLICT**
  
4. **BUSINESS ITEMS**
  - 4.1 **Financial Summary Update**  
The report of the Manager of Financial Accounting dated April 2, 2013 entitled “Financial Summary Update” – March 31, 2013 – *attached.*
  
  - 4.2 **Project Manager’s Update**  
The report of the Project Manager dated April 2, 2013 entitled “Project Schedule Family Aquatic Complex” – *attached.*
  
  - 4.3 **Approval of Natatorium Upgrades**  
The report of the Project Manager dated April 2, 2013 entitled “Wall Treatment Natatorium – Family Aquatic Complex – *attached.*
  
  - 4.4 **Dry Play Structure Approval**  
The report of the Project Manager dated April 2, 2013 entitled “Dry Play Structure” – *attached.*
  
5. **Family Aquatic Complex Executive Committee Minutes**  
Minutes of the Family Aquatic Complex Executive Committee - *attached for information*  
Meeting dates –January 28, 2013, February 4, 2013, February 11, 2013, February 25, 2013, and March 4, 2013/

6. OTHER BUSINESS

7. ADJOURNMENT

*Item No.*

**THE CORPORATION OF THE CITY OF WINDSOR**  
**Office of the City Treasurer - Finance**



**MISSION STATEMENT:**

*"The City of Windsor, with the involvement of its citizens, will deliver effective and responsive municipal services, and will mobilize innovative community partnerships"*

<b>Author's Name: Dan Seguin</b>	<b>Report Date: April 2, 2013</b>
<b>Author's Phone: 519 255-6100 ext 6416</b>	<b>Date to Committee: April 5, 2013</b>
<b>Author's E-mail: dseguin@city.windsor.on.ca</b>	

**To: Chair and Members of the Family Aquatic Complex Steering Committee**

**Subject: Financial Summary Update – March 31, 2013**

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**1. RECOMMENDATION: City Wide: \_\_\_\_\_ Ward(s): \_\_\_\_\_**

**THAT** the Family Aquatic Complex Steering Committee **RECEIVES** for information, the financial summary report and comments, as of March 31, 2013.

**2. EXECUTIVE SUMMARY:**

N/A

**3. BACKGROUND:**

On December 15, 2011 through CR 302-2011 Council approved a Total Gross Project Budget Prior to Recoveries of \$77,622,300 and a Net Projects Costs Budget (prior to corporate recoveries) of \$62,622,300. A Financial Summary report is presented to the Executive Committee of the Family Aquatics Complex on a regular basis. Attached is a summary of current expenditures at March 31, 2013.

#### **4. DISCUSSION:**

As of March 31, 2013 the project has incurred gross expenditures of \$40,985,067 (net of holdbacks). Grants received from OMAFRA to date amount to \$13,500,000 for a net project cost of \$27,485,067, prior to corporate recoveries.

Since the last meeting held February 7th the following expenditures have been approved to be applied to the project contingency account by the Executive Committee:

• LED Sign Support	\$ 8,304
• CO2 Supply Line	\$ 12,112
• North Exterior Banner Support	\$ 21,496
• Scoreboard Relocation	\$ 13,060
• Portable Scorer Platform	\$ 9,842
• Ceiling Improvement – Reception Desk	\$ 9,725
• Natatorium Change Room Door Upgrade	\$ 6,364

To date, the remaining unencumbered and unspent balance in the overall project contingency account is \$846,026 prior to any new requests being made at the April 5<sup>th</sup> Steering Committee Meeting.

The additional request is as follows:

• Natatorium Interior Wall Finishes (upset limit)	\$600,000
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Should this request be approved, the unspent and unencumbered balance in the contingency account will be \$246,026.

#### **5. RISK ANALYSIS:**

A detailed risk analysis was provided to Council as part of the project approval process.

#### **6. FINANCIAL MATTERS:**

The project remains on budget and on schedule. Attached is a summary by account of the current expenditures.

#### **7. CONSULTATIONS:**

N/A

**8. CONCLUSION:**

THAT the Family Aquatic Complex Steering Committee **RECEIVES** the financial summary report and comments as noted above.



**Dan Seguin**  
Manager of Financial Accounting



**Onorio Colucci**  
Chief Financial Officer/City Treasurer and  
Corporate Leader Finance and Technology

DS

**APPENDICES:**  
**Appendix A: Financial Summary Report**

**DEPARTMENTS/OTHERS CONSULTED:**  
**Name:**  
**Phone #: 519                    ext.**

<b>NOTIFICATION :</b>				
Name	Address	Email Address	Telephone	FAX

Description	Product	Budget \$
<b>EXPENSES</b>		
<u>Construction:</u>		
Design Build Fixed Price Contract	3171	\$ 66,372,300
Site Servicing	2883	1,200,000
Myrtha Pool Deposit	3172	150,000
Furniture Fixtures and Equipment	2884	3,300,000
<b>Subtotal Construction</b>		<b>\$ 71,022,300</b>
<u>External Professional</u>		
Legal Consulting	3173	\$ 400,000
Engineering Consulting	3174	560,000
Other Consulting	3200	100,000
<b>Subtotal External Professional</b>		<b>\$ 1,060,000</b>
<u>Miscellaneous:</u>		
Project Management & Administration	3201	\$ 440,000
Interim Financing Costs	2902	2,000,000
Other Miscellaneous	3202	200,000
Variable Frequency Drive Upgrade		-
Ceiling Lifts		-
Project Contingency	2903	2,900,000
<b>Subtotal Miscellaneous</b>		<b>\$ 5,540,000</b>
<b>TOTAL GROSS PROJECT COSTS PRIOR TO RECOVERIES</b>		<b>\$ 77,622,300</b>
<b>LESS PROJECT RECOVERIES</b>		
Council approved recovery of VFD and Ceiling lifts		\$ -
Provincial Grant		15,000,000
<b>TOTAL PROJECT RECOVERIES</b>		<b>\$ 15,000,000</b>
<b>NET PROJECT COSTS (Prior to Corporate Recoveries)</b>		<b>\$ 62,622,300</b>
<u>Less: Corporate Recoveries</u>		
Council approved recovery of VFD and Ceiling lifts		\$ -
Building Permit Fees		250,000
Hoarding Permit Fees		130,000
Reduction in Salary Costs in Other Corporate Areas		140,000
<b>NET CITY COSTS</b>		<b>\$ 62,102,300</b>

Current Revenue/ Expenditures		Estimated Future Revenue/ Expenditures		Total Estimated Project Revenue/ Expenditures		Variance Surplus / (Deficit)
\$	38,217,470	\$	28,154,830	\$	66,372,300	\$ -
	334,727		665,273		1,000,000	200,000
	150,000		-		150,000	-
	472,619		2,827,381		3,300,000	-
<b>\$</b>	<b>39,174,816</b>	<b>\$</b>	<b>31,647,484</b>	<b>\$</b>	<b>70,822,300</b>	<b>\$ 200,000</b>
	217,170		182,830		400,000	-
	450,646		232,871		683,517	(123,517)
	99,719		280		100,000	0
<b>\$</b>	<b>767,535</b>	<b>\$</b>	<b>415,981</b>	<b>\$</b>	<b>1,183,517</b>	<b>\$ (123,517)</b>
	302,130		97,870		400,000	40,000
	274,583		1,725,417		2,000,000	-
	39,476		160,524		200,000	-
	-		140,223		140,223	(140,223)
	-		18,869		18,869	(18,869)
	426,527		2,194,265		2,620,792	279,208
<b>\$</b>	<b>1,042,716</b>	<b>\$</b>	<b>4,337,168</b>	<b>\$</b>	<b>5,379,884</b>	<b>\$ 160,116</b>
<b>\$</b>	<b>40,985,067</b>	<b>\$</b>	<b>36,400,633</b>	<b>\$</b>	<b>77,385,701</b>	<b>\$ 236,599</b>
	-		159,092		159,092	(159,092)
	13,500,000		1,500,000		15,000,000	-
<b>\$</b>	<b>13,500,000</b>	<b>\$</b>	<b>1,659,092</b>	<b>\$</b>	<b>15,159,092</b>	<b>\$ 159,092</b>
<b>\$</b>	<b>27,485,067</b>	<b>\$</b>	<b>34,741,541</b>	<b>\$</b>	<b>62,226,609</b>	<b>\$ 395,691</b>
	-		(159,092)		(159,092)	(159,092)
	224,309		25,691		224,309	(25,691)
	-		-		-	(130,000)
	74,196		25,804		100,000	(40,000)
<b>\$</b>	<b>27,186,562</b>	<b>\$</b>	<b>34,849,139</b>	<b>\$</b>	<b>62,061,392</b>	<b>\$ 40,908</b>

FAMILY AQUATIC COMPLEX - FINANCIAL SUMMARY REPORT

As at Mar 31, 2013

NOTES

Project Contingency Budget	Spent	Remaining Approved	Total
Variances to Offset			\$2,900,000
Contaminated Soil Testing and Removal (charged to consulting)	\$84,729	\$15,271	\$100,000
US Exchange on RAMaker invoice (charged to Consulting)	\$23,517	\$0	\$23,517
Hoarding Offset (shown under corporate recoveries)	\$130,000	\$0	\$130,000
Building Permit Fee Offset (shown under corporate recoveries)	\$25,691	\$0	\$25,691
<b>Total Variances to Offset</b>	<b>\$263,937</b>	<b>\$15,271</b>	<b>\$279,208</b>
<b>Approved Change Orders/Additional Expenses</b>			
Change Order #2 - Facade Upgrade	\$255,000	\$500,000	\$500,000
Change Order #3 - Upgrade to the Roof	\$5,513	\$0	\$255,000
Change Order #6 - Upgrade of Air Compressor - Dry Play Area	\$92,973	\$14,843	\$20,356
Change order #7 - Additional Scoreboard	\$941	\$6,914	\$99,887
Change Order #9 - Charging Station	\$62,500	\$7,737	\$8,678
Commissioning (Jeasel Engineering)		\$86,400	\$148,900
Maintenance Manuals (Jeasel Engineering)		\$35,000	\$35,000
Fire Safety Plan (Archon)	\$9,600	\$2,400	\$12,000
Banner Brackets - CO#13		\$68,720	\$68,720
Hand rails and Anchors for lazy river - CO#12		\$34,696	\$34,696
Iconic Structure in the Waterpark		\$130,000	\$130,000
Manual to a Motorized Bulkhead - CO# 16		\$50,513	\$50,513
Vinyl Cladding on Stairs - CO#27		\$12,939	\$12,939
Extension of Conduit for Fiber Optic - CO#24		\$3,688	\$3,688
Boilard Fencing and Wavepool Stair - CO#28		\$12,871	\$12,871
Decorative exterior lighting on west wall - CO#23		\$12,648	\$12,648
Rough-in turnstiles and gates - CO#25		\$8,480	\$8,480
New Communications Room 109A - CO#26		\$15,761	\$15,761
Starting block anchors - CO#33		\$2,543	\$2,543
Wiring for security - CO#19		\$98,965	\$98,965
Door Changes - CO#14		\$59,718	\$59,718
Atrium - Lobby improvements - CO# pending		\$102,500	\$102,500
LED Sign Support - CO#17		\$8,304	\$8,304
CO2 Supply pipe - Fathal PO		\$12,112	\$12,112
North Exterior Banner Support - CO pending		\$21,496	\$21,496
Scoreboard relocation - CO#35		\$13,060	\$13,060
Portable scorer platform - PO Penn Elcom		\$9,842	\$9,842
Change Order TBD - Ceiling over reception desk		\$9,725	\$9,725
Change Order TBD - Natatorium change room door upgrade		\$6,364	\$6,364
<b>Total Approved Change Orders/Additional Expenses</b>	<b>\$426,527</b>	<b>\$1,348,239</b>	<b>\$1,774,766</b>

Total Costs Incurred and Encumbered to date  
**Remaining Contingency Balance**

\$2,053,974  
**\$846,026**

Approved by Executive Committee (max \$1 million)  
 Approved by Steering Committee

907,791  
 1,146,183

**THE CORPORATION OF THE CITY OF WINDSOR  
Family Aquatics Complex Steering Committee**



**MISSION STATEMENT:**

*"The City of Windsor, with the involvement of its citizens, will deliver effective and responsive municipal services, and will mobilize innovative community partnerships"*

<b>LiveLink REPORT #:</b>	<b>Report Date: April 2, 2013</b>
<b>Author's Name: Don Sadler</b>	<b>Date to Committee: April 5, 2013</b>
<b>Author's Phone: 519-255-6100 ext. 1685</b>	<b>Classification #:</b>
<b>Author's E-mail: dsadler@city.windsor.on.ca</b>	

**To: Family Aquatic Complex Steering Committee**

**Subject: Project Schedule Family Aquatic Complex**

**1. RECOMMENDATION: City Wide:  Ward(s): \_\_\_\_\_**

To Steering Committee FOR INFORMATION.

**EXECUTIVE SUMMARY:**

N/A

**2. BACKGROUND:**

The original project schedule was provided to the Steering Committee as it was included in the contract between the City of Windsor and Ellis Don/DeAngelis.

**3. DISCUSSION:**

Work has progressed steadily over this past year with major milestones being met. Of importance are:

1. The finished roof over the centre of the complex containing the basement and the 71 metre pool natatorium.
2. The 71 metre myrtha pool is installed with all the pumps and filters in place, in the basement.
3. The building is closed in and gas installed to supply winter heat for inside works.
4. Steel and pillares are placed for the water park allowing that roof, deck and exterior walls can be completed and winter works can be started in this section.



5. Mechanical and electrical work is ahead of schedule which is very important as mechanical and electrical represents a major component of the project.
6. The District Energy hot and cold water in ground piping is complete allowing more regularized construction equipment movement and building exterior walls to proceed. The second phase of this construction including noise retention walls has been awarded through tender and assigned to Ellis Don/DeAngelis Joint Venture.
7. The removal of contaminated soils is complete and two monitoring wells installed. The necessary paper work has been filed with the Ministry of Environment by Golder and Associates to complete our record of site condition and remediation action plan.
8. The temporary move in date for staff training and system operation is June 15, 2013 with Ellis Don/DeAngelis suggesting they and their sub-trades will be working with out staff to help train and complete minor work in anticipation of making the natatorium, change rooms, lobby and spectator area completely available to the City for July 15, 2013. This will allow us opportunity to test the pool and equipment, and schedule a local swim meet well in advance of the International Children's Games.
9. Review of timing system, scorers and judge locations for swim meet have taken place with local swim clubs and the Omega timing system representative.
10. The exterior hard surfacing and landscaping complete at the North of the facility with roadway improvements to Church and Bruce will be complete for the games in August.
11. Construction will continue within the water park, but closed off to the public during the games. The west side along Bruce up to the north west entrance and the east side along Church up to the event banners will be combined with the southern for construction assembly area for the various trades, however the construction fence will be screened and the area closed off to the general public. This area is required for layout and assembly of the waterpark features on the west side and then access to the water park from the south and up the east side and into the building. SEE ATTACHED PLAN.
12. The glass (curtain wall) is expected to be installed on the exterior by end of April.

#### **4. RISK ANALYSIS:**

Regular review of the construction schedule and meeting milestone dates allows that the facility will be available for the summer of 2013 to host the International Children's Games.

At this juncture in the project, we are on schedule to be complete for the games. Adjustments have been made to sub-schedules, however major milestones continue to be met.

#### **5. FINANCIAL MATTERS:**

The project remains on budget.

#### **6. CONSULTATIONS:**

Doug Farmer – Project Manager, Ellis Don/DeAngleis  
Architects, Engineers, Consultants

## 7. CONCLUSION:

As of this report, the project is on schedule and we continue to hear positive comments from the community.



**Don Sadler**  
Project Manager



**Onorio Colucci**  
Project Sponsor/Chair – CFO/City  
Treasurer

### APPENDICES:

Appendix A – Fire Safety Plan

Appendix B – Windsor Aquatic Complex – February 28, 2013 Update

Appendix C - OAC Look Ahead for Windsor Aquatic Complex

### DEPARTMENTS/OTHERS CONSULTED:

Name:

Phone #: 519            ext.

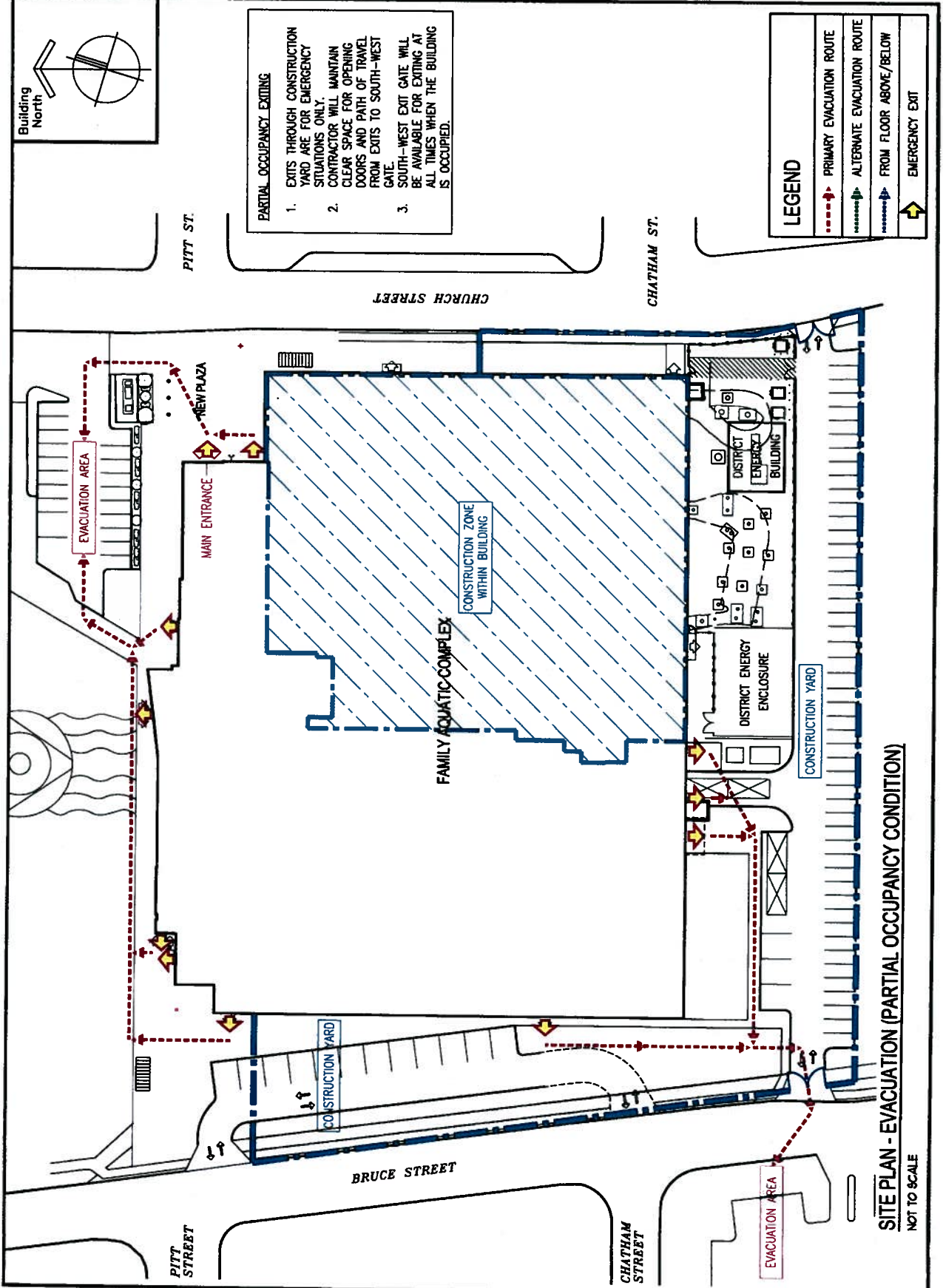
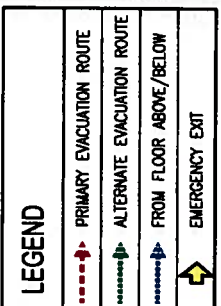
### NOTIFICATION :

Name	Address	Email Address	Telephone	FAX



**PARTIAL OCCUPANCY EXITING**

1. EXITS THROUGH CONSTRUCTION YARD ARE FOR EMERGENCY SITUATIONS ONLY.
2. CONTRACTOR WILL MAINTAIN CLEAR SPACE FOR OPENING DOORS AND PATH OF TRAVEL FROM EXITS TO SOUTH-WEST GATE.
3. SOUTH-WEST EXIT GATE WILL BE AVAILABLE FOR EXITING AT ALL TIMES WHEN THE BUILDING IS OCCUPIED.

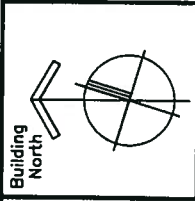


**SITE PLAN - EVACUATION (PARTIAL OCCUPANCY CONDITION)**  
 NOT TO SCALE



WINDSOR FAMILY AQUATIC COMPLEX  
 401 PITT STREET WEST  
 (PARTIAL OCCUPANCY CONDITION)

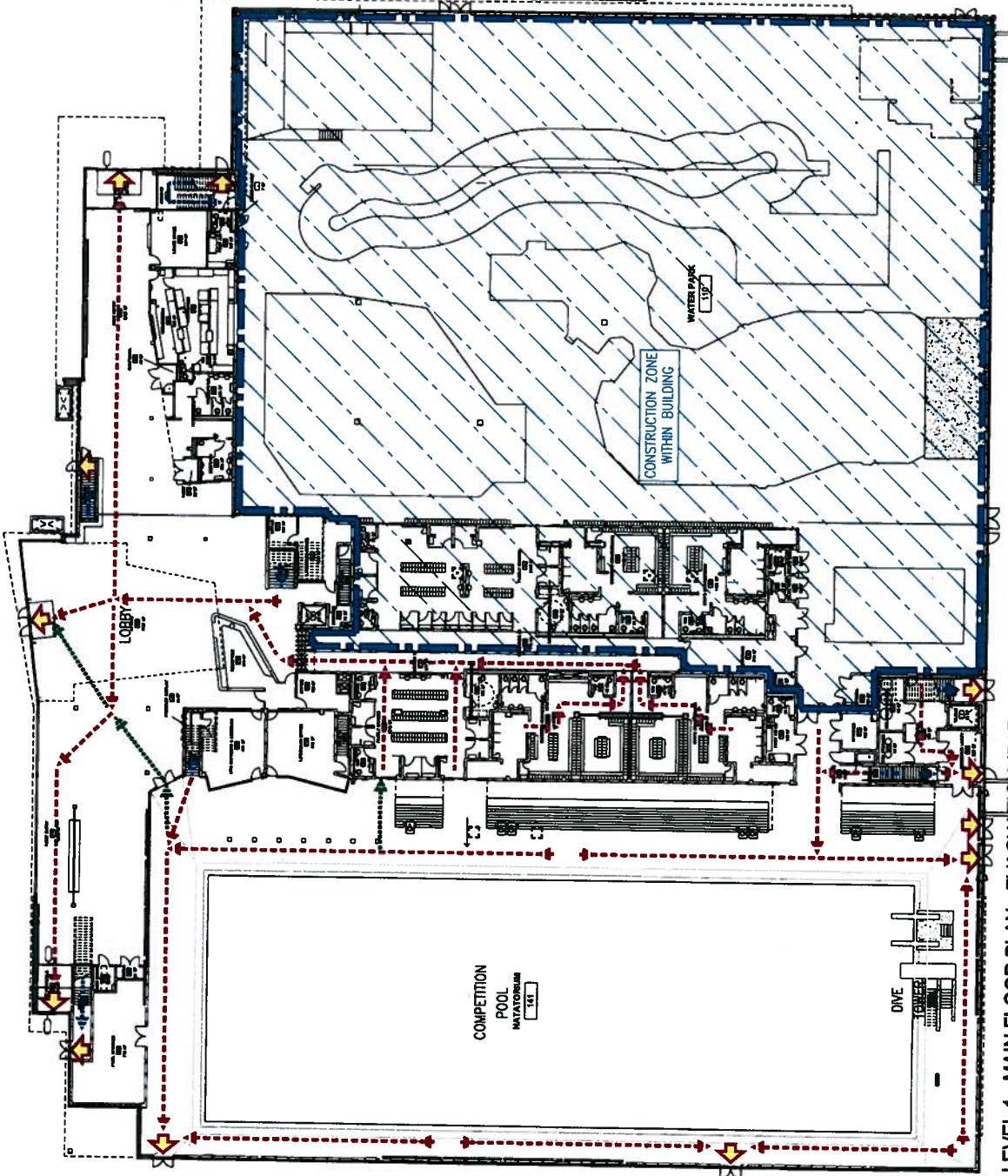
OWN. BY: J. DUPUIS  
 LAST UPDATED: Mar 27, 2013  
 PROJECT NO.: 12-493  
 ONE FILE: 493-FSP3-LV.1 MAIN  
 SHEET NO.: EVAC-T3



- LEGEND**
- PRIMARY EVACUATION ROUTE
  - ALTERNATE EVACUATION ROUTE
  - FROM FLOOR ABOVE/BELOW
  - EMERGENCY EXIT

**PARTIAL OCCUPANCY EXITING**

1. CONSTRUCTION ZONE WITHIN BUILDING TO BE ACCESSIBLE TO CONSTRUCTION PERSONNEL ONLY.
2. CONSTRUCTION ZONE TO BE KEPT SECURE BY CONTRACTOR.



**LEVEL 1 - MAIN FLOOR PLAN - EVACUATION (PARTIAL OCCUPANCY CONDITION)**  
 NOT TO SCALE



# Windsor Aquatic Complex - Windsor, ON

## February 28th, 2013 Update



Activity ID	Activity Description	Order Number	Start	Finish	Milestones to Project Finish Date	2013												2014			
						01	02	03	04	01	02	03	04	01	02	03	04	01	02	03	04
<b>Windsor Aquatic Complex - Windsor, ON</b>																					
<b>DB Selection Process</b>																					
MS1000	RFQ Issued	564	05-Sep-11 A	01-Dec-13	0																
MS1010	RFQ Response Submission Deadline	0	06-Sep-11 A	09-Dec-11 A	0																
MS1020	Anticipated Issuance of Design/Build Request for Proposal (RFP)	0	20-Sep-11 A		0																
MS1030	RFP Response Submission	0	25-Nov-11 A		0																
MS1040	Anticipated Award DB Contract	0	09-Dec-11 A		0																
<b>Project Summary and Milestones</b>																					
SM1060	Mobilization - Start	420	01-Mar-12 A	01-Dec-13	0																
SM1070	Excavation - Start	0	16-Apr-12 A		-21																
SM1050	Structural Steel Fabrication - Start	0	20-Apr-12 A		0																
SM1000	100% CD Documents - Complete	0	31-May-12 A		-10																
SM1040	Water, Play Systems & Equipment Fabrication - Start	0	12-Jun-12 A		11																
SM1010	Phase 1 - Pools IFC Drawings - Complete	0	06-Jul-12 A		-31																
SM1020	Phase 2 - Water Play Family Recreation Area IFC Drawings - Complete	0	06-Jul-12 A		-31																
SM1090	Structural Steel Erection - Start	0	26-Jul-12 A		-3																
SM1170	Footings & Foundations - Area 1 - Complete	0	31-Jul-12 A		-53																
SM1030	Pool Systems & Equipment Fabrication - Start	0	17-Sep-12 A		-2																
SM1180	Footings & Foundations - Area 2 - Complete	0	29-Nov-12 A		-69																
SM1190	Footings & Foundations - Area 3 - Complete	0	25-Jan-13 A		-107																
SM1130	Construction Phase 1 (Area 1 & 2) - Pools - Watertight Complete	0	15-Feb-13 A		-36																
SM1200	Footings & Foundations - Area 4 - Complete (Note: Pour 35 Left Open for Access)	0	22-Feb-13 A		-137																
SM1080	Pool Paneling (71m) - Finish (Including Access Point)	0	28-Feb-13 A		-93																
SM1220	Construction Phase 2 (Area 3A & 3B) - Watertight Complete	0	27-Mar-13		-17																
SM1230	Permanent Power - Start	0	28-Mar-13		-43																
SM1100	Pool Equipment (71m) - Complete	0	16-Apr-13		-15																
SM1140	Construction Phase 2 (Area 4) - Water Play Family Recreation Area - Watertight Complete	0	24-May-13		-112																
SM1150	Water Fill Pool - Natatorium Complete	0	03-Jun-13		-5																
SM1110	Pools Paneling (Water Play Family Recreation Area) - Start	0	21-Jun-13		-48																
PC1100	Opening of Pool (71m) - Ready For Partial City Games Use	0	05-Sep-13		-43																
SM1120	Pools Equipment (Water Play Family Recreation Area) - Complete	0	03-Oct-13		0																
SM1160	Water Fill Pool - Water Play Family Recreation Area Complete	0	01-Dec-13		0																
PC1110	**Grand Opening of Family Aquatic Complex Facility**	0	01-Dec-13		0																
PC1120	Substantial Completion	0	01-Dec-13		0																
<b>Design Phase</b>																					
<b>Design Developments</b>																					
DD1070	50% Design Development (Pre-Award)	92	30-Sep-11 A	10-Feb-12 A	0																
DD1100	50% DD Electrical Generators	50	30-Sep-11 A	09-Dec-11 A	0																
DD1110	50% DD Mechanical Units	50	30-Sep-11 A	09-Dec-11 A	0																
DD1080	50% DD Mechanical U/G Services	50	06-Oct-11 A	15-Dec-11 A	0																

Print Date: 08-Mar-13  
 Proj ID: WAC-(28-Feb-13)  
 © Primavera Systems, Inc.

Legend:

- Remaining Milestones
- Actual Milestones
- Priority Milestones
- Active Work
- Remaining Work
- Critical Remaining Work
- Achieved Milestones
- Summary
- Monthly Summary
- Start Constraint
- Finish Constraint
- Expected Finish
- Milestones
- Critical Milestones





# Windsor Aquatic Complex - Windsor, ON

## February 28th, 2013 Update



Activity ID	Activity Description	Original Duration	Start	Finish	Milestone #	Project Finish Date	2013												2014											
							01	02	03	04	01	02	03	04	01	02	03	04	01	02	03	04								
CD2180	100% CD Reinforced Concrete	14	06-Feb-12 A	24-Feb-12 A	1																									
CD2190	100% CD Site Work	14	06-Feb-12 A	24-Feb-12 A	1																									
CD2220	100% CD Electrical Generators	20	06-Feb-12 A	05-Mar-12 A	0																									
CD2250	100% CD Mechanical Units	20	06-Feb-12 A	05-Mar-12 A	0																									
CD2200	100% CD Electrical U/G Services	20	17-Feb-12 A	16-Mar-12 A	0																									
CD2240	100% CD Mechanical U/G Services	20	17-Feb-12 A	16-Mar-12 A	0																									
CD2270	100% CD Envelope	20	17-Feb-12 A	22-Mar-12 A	-3																									
CD2300	100% CD Myrtha Pool - Natatorium	42	10-Jan-12 A	03-Apr-12 A	-17																									
CD2320	100% CD Myrtha Pool - Water Play Family Recreation Area	50	10-Jan-12 A	03-Apr-12 A	-10																									
CD2210	100% CD Electrical - Building	25	12-Mar-12 A	19-Apr-12 A	-2																									
CD2280	100% CD Mechanical - Building	25	12-Mar-12 A	19-Apr-12 A	-2																									
CD2230	100% CD Electrical Pool Controls	30	03-Apr-12 A	15-May-12 A	0																									
CD2280	100% CD Interior Finishes	30	26-Mar-12 A	31-May-12 A	-16																									
CD2290	100% CD Submittal Complete	0	31-May-12 A	31-May-12 A	-10																									
IFC Documents		4	16-May-12 A	06-Jul-12 A	-31																									
IFC1040	100% IFC Including Addendums & Clarification From Tenders	4	16-May-12 A	06-Jul-12 A	-31																									
<b>City Submittals &amp; Approvals</b>		79	06-Feb-12 A	29-May-12 A	0																									
<b>City Approval Process</b>		79	06-Feb-12 A	29-May-12 A	0																									
PREC1100	Structural Steel Submittal Approval	5	06-Feb-12 A	10-Feb-12 A	0																									
PREC1030	Foundation Submittal Approval	5	27-Feb-12 A	06-Mar-12 A	-2																									
PREC1090	Reinforced Concrete Submittal Approval	5	27-Feb-12 A	06-Mar-12 A	-2																									
PREC1060	NC Aquatic - Myrtha Pool Natatorium Submittal Approval	5	19-Mar-12 A	05-Apr-12 A	-9																									
PREC1070	NC Aquatic - Myrtha Pool Water Park Submittal Approval	5	19-Mar-12 A	05-Apr-12 A	-9																									
PREC1080	Whitewater - Park Equipment Submittal Approval	5	19-Mar-12 A	05-Apr-12 A	-9																									
PREC1050	Submit for Full Permit	5	23-May-12 A	29-May-12 A	0																									
<b>Procurement</b>		367	06-Feb-12 A	22-Jul-13	-147																									
<b>Tender/Evaluation/Award Sub-Contracts</b>		90	06-Feb-12 A	06-Jul-12 A	-15																									
TEA1000	TEA Structural Steel	9	06-Feb-12 A	16-Feb-12 A	0																									
TEA1010	TEA Reinforced Concrete	10	27-Feb-12 A	13-Mar-12 A	-2																									
TEA1070	TEA Site Work/Excavation	10	27-Feb-12 A	13-Mar-12 A	-2																									
TEA1140	TEA Mechanical Units	25	06-Mar-12 A	26-Mar-12 A	11																									
TEA1100	TEA Electrical Generators	30	06-Mar-12 A	30-Mar-12 A	12																									
TEA1180	TEA Mechanical - Building	20	19-Apr-12 A	19-Apr-12 A	18																									
TEA1020	TEA Mechanical U/G Services	20	19-Mar-12 A	19-Apr-12 A	-2																									
TEA1150	TEA Envelope	20	19-Mar-12 A	19-Apr-12 A	-2																									
TEA1030	TEA Electrical - Building	20	19-Mar-12 A	07-May-12 A	-15																									
TEA1160	TEA Interior Finishes	20	19-Apr-12 A	14-May-12 A	0																									
TEA1050	TEA Electrical Pool Controls	20	16-May-12 A	13-Jun-12 A	-6																									
Shop Dwg's Submission & Approval		20	16-May-12 A	06-Jul-12 A	-15																									
SDSA1100	Electrical Generators Shop Dwg's Submission & Appro	319	09-Mar-12 A	26-Apr-13	-188																									
<b>Shop Dwg's Submission &amp; Approvals</b>		25	02-Apr-12 A	07-May-12 A	11																									

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- Remaining Network
- Actual Network
- Primary Baseline
- Actual Work
- Remaining Work
- Critical Remaining Work
- Critical Milestones
- Achieved Milestones
- Summary
- Milestone Summary
- Monthly Summary
- Final Contract
- Start Contract
- Final Contract
- Expected Finish
- Milestone
- Critical Milestones
- Next Critical IF-15
- Start Contract
- Final Contract
- Expected Finish
- Milestone
- Critical Milestones

Electrical Generators Shop Dwg's Submission & Approvals

Checked/Appro

# Windsor Aquatic Complex - Windsor, ON

February 28th, 2013 Update



Activity ID	Activity Description	Original Duration	Start	Finish	Variances - Re-Project Finish Date	2012	2013	2014	
SDSA1190	NC Aquatic - Myrtha Pool - Natatorium Shop Dwg's Submission & Approvals	25	09-Mar-12 A	11-May-12 A	-20				
SDSA1200	NC Aquatic - Myrtha Pool - Water Play Family Recreation Area Shop Dwg's Submission & Approvals	30	14-Mar-12 A	11-May-12 A	-12				
SDSA1070	Site Work Shop Dwg's Submission & Approvals	15	14-Mar-12 A	11-May-12 A	-9				
SDSA1210	White Water West - Water Slides & Pool Equipment Shop Dwg's Submission & Approvals	30	19-Mar-12 A	11-May-12 A	-27				
SDSA1030	Electrical - Building Shop Dwg's Submission & Approvals	30	15-May-12 A	16-Jul-12 A	-13				
SDSA1170	Mechanical - Building Shop Dwg's Submission & Approvals	30	30-Apr-12 A	31-Jul-12 A	-24				
SDSA1180	Mechanical U/G Services Shop Dwg's Submission & Approvals	30	19-Apr-12 A	31-Jul-12 A	-44				
SDSA1050	Electrical Pool Controls Shop Dwg's Submission & Approvals	30	27-Jun-12 A	31-Jul-12 A	-3				
SDSA1020	Electrical U/G Services Shop Dwg's Submission & Approvals	30	19-Apr-12 A	31-Jul-12 A	-44				
SDSA1140	Mechanical Units Shop Dwg's Submission & Approvals	25	22-Jun-12 A	14-Sep-12 A	-83				
SDSA1150	Curtain Wall Shop Dwg's Submission & Approvals	20	01-Aug-12 A	20-Sep-12 A	-88				
SDSA1010	Reinforced Concrete Shop Dwg's Submission & Approvals	30	27-Mar-12 A	26-Oct-12 A	-126				
SDSA1160	Interior Finishes Shop Dwg's Submission & Approvals	20	28-Feb-13 A	27-Mar-13	-183				
SDSA1290	Dry Play Structure - Area 1 - 2nd Floor (Room 216) Shop Dwg's Submission & Approvals [WAITING ON CITY APPROVAL]	20	28-Feb-13 A	27-Mar-13					
<b>Structural Steel Shop Drawings</b>									
SDSA1000	Structural Steel Shop Dwg's Submission & Approvals - Area 1	140	19-Mar-12 A	29-Oct-12 A	-128				
SDSA1040	Structural Steel Shop Dwg's Submission & Approvals - Area 2	20	19-Mar-12 A	16-Apr-12 A	0				
SDSA1060	Structural Steel Shop Dwg's Submission & Approvals - Area 3a & 3b	20	19-Mar-12 A	03-May-12 A	-13				
SDSA1080	Structural Steel Shop Dwg's Submission & Approvals - Area 4	11	11-Sep-12 A	22-Oct-12 A	-129				
<b>Division 02 - Existing Conditions</b>									
SDSA1030	02622 - Foundations & Under-Slab Drainage Shop Dwg's Submission & Approvals	30	04-Jun-12 A	13-Jul-12 A	-129				
<b>Division 03 - Concrete</b>									
SDSA1120	03300 - Cast-In-Place Concrete Shop Dwg's Submission & Approvals	188	04-Apr-12 A	08-Feb-13 A					
SDSA1110	03100 - Concrete Formwork Shop Dwg's Submission & Approvals	30	02-May-12 A	29-Jun-12 A					
SDSA1130	03200 - Concrete Reinforcement Shop Dwg's Submission & Approvals	30	23-May-12 A	20-Jul-12 A					
SDSA1230	03355 - Concrete Finishes Shop Dwg's Submission & Approvals	30	04-Apr-12 A	20-Jul-12 A					
SDSA1220	03350 - Waterproof Sealers Shop Dwg's Submission & Approvals	6	16-Jul-12 A	23-Jul-12 A					
SDSA1240	03362 - Concrete Floor Coatings Shop Dwg's Submission & Approvals	10	28-Jan-13 A	08-Feb-13 A					
<b>Division 04 - Masonry</b>									
SDSA1250	04200 - Masonry Shop Dwg's Submission & Approvals	15	11-Sep-12 A	18-Sep-12 A					
<b>Division 05 - Metals</b>									
SDSA1260	05120 - Structural Steel Shop Dwg's Submission & Approvals	175	22-Mar-12 A	11-Feb-13 A					
SDSA1280	05310 - Steel Roof Deck Shop Dwg's Submission & Approvals	40	22-Mar-12 A	31-Jul-12 A					
SDSA1270	05810 - Expansion Joint Covers Shop Dwg's Submission & Approvals	20	25-Jun-12 A	31-Jul-12 A					
<b>Division 06 - Wood, Plastics, and Composites</b>									
SDSA1310	06410 - Cabinet Work Shop Dwg's Submission & Approvals	115	15-Nov-12 A	24-Apr-13					
SDSA1300	06200 - Finish Carpentry Shop Dwg's Submission & Approvals [Changes to Desks by City in Lobby]	9	15-Nov-12 A	28-Nov-12 A					
<b>Division 07 - Thermal and Moisture Protection</b>									
SDSA1330	07218 - Sprayed Polyurethane Foam Insulation Shop Dwg's Submission & Approvals	11	10-Apr-13	24-Apr-13					
SDSA1360	07420 - Insulated Wall Panels Shop Dwg's Submission & Approvals	140	15-Sep-12 A	27-Mar-13					
SDSA1390	07530 - Top Membrane Roofing Shop Dwg's Submission & Approvals	20	09-Oct-12 A	11-Oct-12 A					
<b>Legend</b>									
<ul style="list-style-type: none"> <li>Remaining Network</li> <li>Actual Network</li> <li>Priority Baseline</li> <li>Actual Work</li> <li>Remaining Work</li> <li>Critical Remaining Work</li> <li>Forecast</li> <li>Start Constraint</li> <li>Finish Constraint</li> <li>Extracted Finish</li> <li>Milestone</li> <li>Critical Milestones</li> <li>Achieving Milestone</li> <li>Summary</li> <li>Monthly Summary</li> </ul>									
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# Windsor Aquatic Complex - Windsor, ON

## February 28th, 2013 Update



Activity ID	Activity Description	Original Duration	Start	Finish	Variance to Project Finish Date	2012	2013	2014	
SDSA1840	15920 - Variable Frequency Drives Submission & Approvals	22	07-Jun-12 A	09-Jul-12 A					
SDSA1800	15625 - Air Handling Units Submission & Approvals	50	11-Apr-12 A	13-Jul-12 A					
SDSA1830	15900 - Controls Submission & Approvals	22	16-Jul-12 A	27-Jul-12 A					
SDSA1750	15240 - Noise & Vibration Submission & Approvals	10	16-Jul-12 A	31-Jul-12 A					
SDSA1820	15800 - Air Distribution Submission & Approvals	50	11-Apr-12 A	31-Jul-12 A					
SDSA1730	15001 - Mechanical General Provisions Submission & Approvals	40	01-May-12 A	31-Jul-12 A					
SDSA1770	15400 - Plumbing Submission & Approvals	40	01-May-12 A	31-Jul-12 A					
SDSA1780	15600 - Liquid Heat Transfer Submission & Approvals	40	01-May-12 A	31-Jul-12 A					
SDSA1790	15620 - Indoor Pool Dehumidifiers Submission & Approvals	50	11-Apr-12 A	31-Jul-12 A					
SDSA1760	15260 - Insulation Submission & Approvals	22	22-Jun-12 A	02-Aug-12 A					
SDSA1810	15715 - Water Treatment Submission & Approvals	22	13-Jul-12 A	15-Nov-12 A					
<b>Division 16 - Electrical (by Electrical)</b>									
SDSA1880	16200 - Emergency Generator Submission & Approvals	5	04-Apr-12 A	25-Apr-13					
SDSA1820	16550 - Lighting Control System Submission & Approvals	20	28-Jun-12 A	10-Jul-12 A					
SDSA1960	16920 - Variable Frequency Drives Submission & Approvals	30	27-Jun-12 A	18-Jul-12 A					
SDSA1850	16011 - Electrical General Provisions Submission & Approvals	16	27-Jun-12 A	18-Jul-12 A					
SDSA1870	16155 - Motors, Starters and Wiring Submission & Approvals	30	27-Jun-12 A	18-Jul-12 A					
SDSA1890	16400 - Service and Distribution Submission & Approvals	30	27-Jun-12 A	18-Jul-12 A					
SDSA1950	16900 - Motor Control Centres Submission & Approvals	30	27-Jun-12 A	18-Jul-12 A					
SDSA1940	16721 - Fire Alarm System Submission & Approvals	24	09-Aug-12 A	20-Aug-12 A					
SDSA1910	16500 - Lighting Submission & Approvals	20	29-Jun-12 A	07-Sep-12 A					
SDSA1930	16700 - Communications Submission & Approvals	20	23-Jan-13 A	19-Feb-13 A					
SDSA1900	Electrical Panels Schedules Submission & Approvals	20	01-Apr-13*	26-Apr-13					
<b>Fabrication &amp; Delivery</b>									
F&D1180	Fabrication & Delivery of Mechanical U/G Services	315	20-Apr-12 A	22-Jul-13	-147				
F&D1020	Fabrication & Delivery of Electrical U/G Services	50	01-May-12 A	30-May-12 A	50				
F&D1010	Fabrication & Delivery of Reinforced Concrete	50	01-May-12 A	30-May-12 A	50				
F&D1190	Fabrication & Delivery of Myrtha Pool - Natatorium	30	26-Apr-12 A	07-Jun-12 A	0				
F&D1220	Fabrication & Delivery of Dado Masonry Walls	75	14-May-12 A	27-Sep-12 A	-19				
F&D1140	Fabrication & Delivery of Mechanical Units (Basement)	0	15-Oct-12 A	15-Oct-12 A	-24				
F&D1230	Fabrication & Delivery of Insulated Metal Paneling	0	16-Jul-12 A	16-Oct-12 A	-24				
F&D1030	Fabrication & Delivery of Electrical - Building	120	30-Jul-12 A	17-Dec-12 A	0				
F&D1170	Fabrication & Delivery of Mechanical Units (Roof & Penthouse)	120	12-Jun-12 A	31-Dec-12 A	-8				
F&D1100	Fabrication & Delivery of Electrical Generators	77	11-Jun-12 A	31-Dec-12 A	-52				
F&D1200	Fabrication & Delivery of Myrtha Pool - Water Play Family Recreation Area (Delivery Complete March ...)	75	05-Oct-12 A	11-Mar-13	-139				
F&D1150	Fabrication & Delivery of Curtain Wall	80	20-Sep-12 A	19-Mar-13	-132				
F&D1090	Fabrication & Delivery of Envelope (ALL AREAS)	130	11-Oct-12 A	17-Apr-13	-89				
F&D1050	Fabrication & Delivery of Electrical Pool Controls	21	01-Apr-13*	29-Apr-13	-89				
F&D1210	Fabrication & Delivery of WWW Water Slides & Pool Equipments	71	11-Jun-12 A	01-May-13	-162				
F&D1110	Fabrication & Delivery of Dry Play Structure - Area 1 - 2nd Floor (Room 216)	40	28-Mar-13	24-May-13	-162				
F&D1160	Fabrication & Delivery of Interior Finishes	80	28-Mar-13	22-Jul-13	-183				

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Legend:

- Remaining Network
- Actual Network
- Private Baseline
- Actual Work
- Remaining Work
- Clear Remaining Work
- At Risk (Red) TF-15
- Start Constraint
- Finish Constraint
- Expanded Finish
- Milestones
- Critical Milestones
- Advanced Marks
- Summary
- Monthly Summary
- Weekly Summary

Revision

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# Windsor Aquatic Complex - Windsor, ON

## February 28th, 2013 Update



Activity ID	Activity Description	Original Duration	Start	Finish	Variance - All Project Finish Date	Gantt Chart (2012-2014)											
F&D1000	Structural Steel Fabrication & Delivery	100	20-Apr-12 A	15-Jan-13 A	-136	[Gantt bars for 2012-2014]											
F&D1070	Fabrication & Delivery of Structural Steel - Area 1	20	20-Apr-12 A	09-Jul-12 A	-35	[Gantt bars for 2012-2014]											
F&D1080	Fabrication & Delivery of Structural Steel - Area 2	30	03-Jul-12 A	27-Aug-12 A	-39	[Gantt bars for 2012-2014]											
F&D1090	Fabrication & Delivery of Structural Steel - Area 3A	15	17-Jul-12 A	09-Oct-12 A	-74	[Gantt bars for 2012-2014]											
F&D1040	Fabrication & Delivery of Structural Steel - Area 3B	5	30-Oct-12 A	29-Nov-12 A	-116	[Gantt bars for 2012-2014]											
F&D1040	Fabrication & Delivery of Structural Steel - Area 4	25	31-Aug-12 A	15-Jan-13 A	-116	[Gantt bars for 2012-2014]											
<b>Construction Phase</b>						[Gantt bars for 2012-2014]											
EW1010	Early & Enabling Works	44	01-Mar-12 A	22-Oct-13	-17	[Gantt bars for 2012-2014]											
EW1020	Construction Hoarding	10	08-Mar-12 A	21-Mar-12 A	2	[Gantt bars for 2012-2014]											
EW1020	Site Services & Utilities Relocations	20	04-Apr-12 A	24-Apr-12 A	7	[Gantt bars for 2012-2014]											
EW1000	Mobilization & Site Setup	8	01-Mar-12 A	30-Apr-12 A	-34	[Gantt bars for 2012-2014]											
<b>Building Utilities</b>						[Gantt bars for 2012-2014]											
BU1100	Sanitary Sewer Connection (Core Area)	5	31-Oct-12 A	30-Nov-12 A		[Gantt bars for 2012-2014]											
BU1020	Sanitary Sewer Connection (Water Park)	5	31-Oct-12 A	30-Nov-12 A		[Gantt bars for 2012-2014]											
BU1110	Storm Sewer Connection (Core Area)	5	30-Nov-12 A	06-Dec-12 A		[Gantt bars for 2012-2014]											
BU1060	Natural Gas Connection ****Completed January 4th****	5	29-Nov-12 A	04-Jan-13 A		[Gantt bars for 2012-2014]											
BU1090	IP Address for BAS (H&E) Complete	5	05-Nov-12 A	25-Feb-13 A		[Gantt bars for 2012-2014]											
BU1030	Sanitary/Storm Sewer Connection (Water Park)	5	30-Nov-12 A	28-Feb-13 A		[Gantt bars for 2012-2014]											
BU1040	City Water Connection - Testing Complete ***Valve In - Feed Whole Building*** - Pending Connection ...	5	29-Nov-12 A	28-Feb-13 A		[Gantt bars for 2012-2014]											
BU1000	Permanent Power to Building (Waiting on Transformer Install)	0	28-Mar-13			[Gantt bars for 2012-2014]											
BU1010	District Energy (Heat & Cool) to Building	5	29-Oct-12 A	01-Apr-13		[Gantt bars for 2012-2014]											
BU1060	Bell Connection	5	05-Nov-12 A	01-Apr-13		[Gantt bars for 2012-2014]											
BU1070	Cogeco Connection (Fiber Optic)	5	05-Nov-12 A	01-Apr-13		[Gantt bars for 2012-2014]											
BU1080	LAN Connection for BAS	5	05-Nov-12 A	01-Apr-13		[Gantt bars for 2012-2014]											
<b>Construction Phase 1 - Natatorium</b>						[Gantt bars for 2012-2014]											
<b>Substructure</b>						[Gantt bars for 2012-2014]											
<b>Excavation, Footing &amp; Foundations</b>						[Gantt bars for 2012-2014]											
CM1150	Deep Excavation - Area 1	116	12-Apr-12 A	17-Sep-12 A	-69	[Gantt bars for 2012-2014]											
CM1220	Excavation - Area 2 (Late Finish Due to Strike Impact)	5	16-Apr-12 A	25-May-12 A	-44	[Gantt bars for 2012-2014]											
<b>Footings, Columns &amp; Foundations</b>						[Gantt bars for 2012-2014]											
<b>Area 1</b>						[Gantt bars for 2012-2014]											
CM3720	Interior Basement Concrete Columns	110	12-Apr-12 A	17-Sep-12 A	-69	[Gantt bars for 2012-2014]											
CM3730	Form/Rebar/Int. Columns Pours - Area 1	8	25-Apr-12 A	12-Jun-12 A	-35	[Gantt bars for 2012-2014]											
CM3730	Form/Rebar/Int. Pad FTGs Pours - Area 1	6	12-Apr-12 A	12-Jun-12 A	-37	[Gantt bars for 2012-2014]											
<b>Foundations</b>						[Gantt bars for 2012-2014]											
<b>Foundation Pour 1</b>						[Gantt bars for 2012-2014]											
CN3010	Form/Rebar/FTG Pour 1	25	25-Apr-12 A	30-Jul-12 A	-52	[Gantt bars for 2012-2014]											
CN3020	Form/Rebar/FTG Pour 1	1	25-Apr-12 A	30-Apr-12 A	-5	[Gantt bars for 2012-2014]											
CN3020	Form/Rebar/FND Pour 1	3	27-Apr-12 A	27-Apr-12 A	-9	[Gantt bars for 2012-2014]											
<b>Foundation Pour 2</b>						[Gantt bars for 2012-2014]											
CN3030	Form/Rebar/FTG Pour 2	3	30-Apr-12 A	14-May-12 A	-13	[Gantt bars for 2012-2014]											
CN3040	Form/Rebar/FTG Pour 2	1	30-Apr-12 A	30-Apr-12 A	-8	[Gantt bars for 2012-2014]											
CN3040	Form/Rebar/FND Pour 2	3	30-Apr-12 A	14-May-12 A	-13	[Gantt bars for 2012-2014]											
<b>Foundation Pour 3</b>						[Gantt bars for 2012-2014]											
CN3040	Form/Rebar/FND Pour 3	4	11-May-12 A	17-May-12 A	-14	[Gantt bars for 2012-2014]											

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**Legend:**

- Remaining Work
- Actual Work
- Primary Baseline
- Actual Baseline
- Remaining Work
- Critical Remaining Work
- Adhered Master Summary
- Start Constraint
- Finish Constraint
- Engaged Finish
- Milestone
- Critical Milestone
- Next Critical FC15
- Start Constraint
- Finish Constraint
- Engaged Finish
- Milestone
- Critical Milestone

Date	Revision	Checked/Appro...

**Windsor Aquatic Complex - Windsor, ON**  
**February 28th, 2013 Update**



Activity ID	Activity Description	Original Duration	Start	Finish	Licenses - # Project Finish Date	2012				2013				2014						
						04	01	02	03	04	01	02	03	04	01	02	03	04		
CN3050	Form/Rebar/FTG Pour 3	1	11-May-12 A	11-May-12 A	-16															
CN3060	Form/Rebar/FND Pour 3	3	14-May-12 A	17-May-12 A	-14															
Foundation Pour 4		4	18-May-12 A	31-May-12 A	-21															
CN3070	Form/Rebar/FTG Pour 4	1	18-May-12 A	18-May-12 A	-19															
CN3080	Form/Rebar/FND Pour 4	3	23-May-12 A	31-May-12 A	-21															
Foundation Pour 5		22	09-May-12 A	09-Jun-12 A	-25															
CN3090	Form/Rebar/FTG Pour 5	1	09-May-12 A	09-May-12 A	-10															
CN3110	Form/Rebar/FND Pour 5	4	05-Jun-12 A	08-Jun-12 A	-26															
Foundation Pour 6		6	23-Jul-12 A	30-Jul-12 A	-53															
CN3120	Form/Rebar/FTG Pour 6	2	23-Jul-12 A	24-Jul-12 A	-60															
CN3130	Form/Rebar/FND Pour 6 (due to Unforseen Conditions)	4	25-Jul-12 A	30-Jul-12 A	-56															
Foundation Pour 7		32	20-Jun-12 A	20-Jul-12 A	-48															
CN3140	Form/Rebar/FTG Pour 7	2	20-Jun-12 A	22-Jun-12 A	-36															
CN3150	Form/Rebar/FND Pour 7	11	06-Jul-12 A	20-Jul-12 A	-48															
Foundation Pour 8		32	06-Jun-12 A	20-Jul-12 A	-45															
CN3180	Form/Rebar/FTG Pour 8	2	06-Jun-12 A	07-Jun-12 A	-24															
CN3170	Form/Rebar/FND Pour 8	11	06-Jul-12 A	20-Jul-12 A	-46															
Area 2		75	01-Jun-12 A	17-Sep-12 A	-69															
Exterior & Interior Basement Concrete Columns		11	01-Jun-12 A	18-Jun-12 A	-31															
CN3740	Form/Rebar/Ext. & Int. Pad FTGs Pours - Area 2	7	01-Jun-12 A	11-Jun-12 A	-29															
CN3750	Form/Rebar/Ext. & Int. Columns Pours - Area 2	7	07-Jun-12 A	18-Jun-12 A	-31															
Foundations		71	07-Jun-12 A	17-Sep-12 A	-69															
Foundation Pour 9		31	07-Jun-12 A	20-Jul-12 A	-44															
CN3180	Form/Rebar/FTG Pour 9	2	07-Jun-12 A	08-Jun-12 A	-23															
CN3190	Form/Rebar/FND Pour 9	11	06-Jul-12 A	20-Jul-12 A	-44															
Foundation Pour 10		29	11-Jun-12 A	20-Jul-12 A	-42															
CN3200	Form/Rebar/FTG Pour 10	2	11-Jun-12 A	12-Jun-12 A	-23															
CN3210	Form/Rebar/FND Pour 10	9	10-Jul-12 A	20-Jul-12 A	-42															
Foundation Pour 11		23	13-Jun-12 A	16-Jul-12 A	-35															
CN3220	Form/Rebar/FTG Pour 11	2	13-Jun-12 A	16-Jun-12 A	-24															
CN3230	Form/Rebar/FND Pour 11	6	09-Jul-12 A	16-Jul-12 A	-36															
Foundation Pour 12		24	15-Jun-12 A	19-Jul-12 A	-40															
CN3240	Form/Rebar/FTG Pour 12	1	15-Jun-12 A	19-Jun-12 A	-23															
CN3250	Form/Rebar/FND Pour 12	3	17-Jul-12 A	19-Jul-12 A	-40															
Foundation Pour 13		3	03-Aug-12 A	08-Aug-12 A	-51															
CN3260	Form/Rebar/FTG Pour 13	1	03-Aug-12 A	03-Aug-12 A	-54															
CN3270	Form/Rebar/FND Pour 13	3	03-Aug-12 A	08-Aug-12 A	-51															
Foundation Pour 14		5	03-Aug-12 A	10-Aug-12 A	-51															
CN3280	Form/Rebar/FTG Pour 14	1	03-Aug-12 A	03-Aug-12 A	-52															
CN3290	Form/Rebar/FND Pour 14	3	08-Aug-12 A	10-Aug-12 A	-51															
Foundation Pour 15		6	03-Aug-12 A	13-Aug-12 A	-50															
CN3300	Form/Rebar/FTG Pour 15	1	03-Aug-12 A	03-Aug-12 A	-50															
CN3310	Form/Rebar/FND Pour 15	3	09-Aug-12 A	13-Aug-12 A	-50															

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- Remaining Milestone
- Actual Milestone
- Primary Milestone
- Actual Work
- Remaining Work
- Critical Remaining Work
- Next Critical TF: 15
- Start Constraint
- Finish Constraint
- Completed Finish
- Milestone
- Critical Milestone
- Advanced Milestone
- Burden
- Monthly Milestone

Windsor Aquatic Complex - Windsor, ON  
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Date	Revision	Checked/Appro.



**Windsor Aquatic Complex - Windsor, ON**  
**February 28th, 2013 Update**



Activity ID	Activity Description	Original Duration	Start	Finish	Variance to Project Finish Date	2013												2014											
						01	02	03	04	01	02	03	04	01	02	03	04	01	02	03	04								
<p><b>Foundation Pour 16</b></p> <p>CN3320 Form/Rebar/FTG Pour 16 11-Sep-12 A 17-Sep-12 A -71</p> <p>CN3330 Form/Rebar/FND Pour 16 12-Sep-12 A 17-Sep-12 A -73</p> <p><b>Foundation Pour 17</b></p> <p>CN3340 Form/Rebar/FTG Pour 17 11-Sep-12 A 17-Sep-12 A -69</p> <p>CN3350 Form/Rebar/FND Pour 17 12-Sep-12 A 17-Sep-12 A -71</p>																													
<b>Basement S.O.G</b>																													
CN1230 Pool Slab Lower Level - Area 2	04-Jun-12 A	12-Oct-12 A	-18																										
CN1060 U/G Piping - Area 1	08-Aug-12 A	28-Aug-12 A	-29																										
CN1010 Basement Slab on Grade - Area 1	04-Jun-12 A	21-Sep-12 A	-25																										
CN1140 U/G Piping - Area 2	17-Sep-12 A	24-Sep-12 A	-21																										
CN1020 Pool Slab on Grade - Area 2	22-Aug-12 A	27-Sep-12 A	-21																										
CN1500 Pool Slab on Grade - Area 2	28-Aug-12 A	12-Oct-12 A	-18																										
<b>Superstructure</b>																													
CN1100 Pool Deck Vert/Susp Slab @ Grnd Lvl (Complete Pool Panels, Backfill Dive Tower & Close Off North End Access) - March 6th	18-Jun-12 A	11-Mar-13	-160																										
CN1440 Concrete Dive Tower - Walls & Columns to u/s of 3m Springboard Platform & 1m Platform	12-Oct-12 A	11-Mar-13	-157																										
CN1450 Concrete Dive Tower - Stairs 0m to 1m Platform & 1m Platform	12-Oct-12 A	18-Oct-12 A																											
CN1460 Concrete Dive Tower - Walls 1m Platform to u/s 5m Platform	19-Oct-12 A	24-Oct-12 A																											
CN1470 Concrete Dive Tower - Stairs 1m Platform to 3m Platform, including 3m Platform & 3m Springboard Platform	28-Oct-12 A	05-Nov-12 A																											
CN1480 Concrete Dive Tower - Stairs 3m Platform to 5m Platform & 5m Platform	05-Nov-12 A	12-Nov-12 A																											
CN1490 Concrete Dive Tower - Walls 5m Platform to u/s 10m Platform	13-Nov-12 A	19-Nov-12 A																											
CN1500 Concrete Dive Tower - Stairs 5m Platform to 7.5m Platform	21-Nov-12 A	26-Nov-12 A																											
CN1510 Concrete Dive Tower - Stairs 7.5m Platform to 10m Platform & 10m Platform	27-Nov-12 A	30-Nov-12 A																											
CN1520 Concrete Dive Tower - Walls Above 10m Platform	30-Nov-12 A	05-Dec-12 A																											
CN1600 Concrete Dive Tower - Finishes (Patching & Sealer) - Complete March 11th	06-Dec-12 A	12-Dec-12 A																											
<b>Natalonium Myrtha Pool (DATES PENDING ON FINAL CITY MODIFICATIONS)</b>																													
CN1360 Natalonium Myrtha Pool - Install Myrtha Pool Paneling	21-Aug-12 A	14-Jun-13	-31																										
CN1420 Natalonium Myrtha Pool - Acoustical Panels - Dive Tower Area ***Complete FEB. 6th***	12-Nov-12 A	20-Dec-12 A																											
CN1580 Natalonium Myrtha Pool - Install Remaining Myrtha Pool Panels on North End (After Lifts Out & Closin...	22-Jan-13 A	06-Feb-13 A																											
CN1380 Natalonium Myrtha Pool - Seam Seal Panels & Gutters	08-Feb-13 A	22-Feb-13 A																											
CN1590 Natalonium Myrtha Pool - Acoustical Panels - North of Dive Tower (Bleacher's Area Remaining)	03-Dec-12 A	08-Mar-13																											
CN1070 Natalonium Myrtha Pool - Install Myrtha Pool & Equipments/Pumps (Basement Below Pool)	07-Feb-13 A	15-Mar-13																											
CN1390 Natalonium Myrtha Pool - Assemble Bulkheads & Movable Floor	26-Oct-12 A	16-Apr-13	-17																										
CN1030 Natalonium Myrtha Pool - Install Myrtha Pool Plumbing Systems (Basement Below Pool)	18-Mar-13	29-Apr-13																											
CN1410 Natalonium Myrtha Pool - Pool Floor Membrane/Liner	11-Aug-12 A	30-Apr-13	-80																										
CN1610 Natalonium Myrtha Pool - Final Finishes (Patching Pool Walls, Hand Rails Install & Remove Scaffolding)	13-Mar-13	01-May-13																											
CN1400 Natalonium Myrtha Pool - Assemble Floor (Install Ceramic Tiles Around the Pool After Change Rooms)	17-Apr-13	14-May-13																											
CN1570 Natalonium Myrtha Pool - DUST FREE	10-Apr-13	22-May-13																											
CN1130 Natalonium Myrtha Pool - Water Fill Pool	0	23-May-13																											
CN1620 Natalonium Myrtha Pool - Install Retractable Seating ***DELIVERY: FIRST WK. of JUNE***	0	24-May-13	-16																										
CN1620 Natalonium Myrtha Pool - Install Retractable Seating	03-Jun-13	14-Jun-13																											

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 Proj ID: WAC-28-Feb-13  
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**Legend:**

- Remaining Network
- Actual Network
- Priority Baseline
- Actual Work
- Remaining Work
- Critical Remaining Work
- Near Critical (TF+15)
- Start Constraint
- Finish Constraint
- Extracted Finish
- Milestone
- Critical Milestone
- Advised Milestone
- Summary
- Monthly Summary

Windsor Aquatic Complex - Windsor, ON

Date

Revision

Checked Appro...







# Windsor Aquatic Complex - Windsor, ON

## February 28th, 2013 Update



Activity ID	Activity Description	Original Duration	Start	Finish	Variance - Bk Project Finish Date	2012				2013				2014				
						01	02	03	04	01	02	03	04	01	02	03	04	
CNA050	Curtain Wall Installation - Phase 1 - Area 2 ****Curtain Wall 10 - Pending Adjusted Opening Size by C...	10	11-Feb-13 A	28-Mar-13														
CNA080	Envelope Complete - Phase 1 - Area 2	0	28-Mar-13	28-Mar-13														
CNA140	Architectural Exterior Finishes (Blue Skin, Spray Foam, Brick Install) - Phase 1 - Area 2	46	11-Mar-13*	14-May-13														
CNA120	Roofing (Phase 1 - Areas 1 & 2)	77	09-Oct-12 A	25-Jan-13 A	-69													
CN1530	Modified Bitumen Roofing (Phase 1 - Areas 1 & 2)	20	12-Oct-12 A	07-Dec-12 A	-38													
CN1540	Parapet Installation (Phase 1 - Areas 1 & 2)	20	09-Oct-12 A	07-Dec-12 A														
CN1530	Roofing Inspection w/ Report Finalized (Phase 1 - Areas 1 & 2)	5	23-Jan-13 A	25-Jan-13 A														
<b>M&amp;E and Architectural Work (Area 1 &amp; 2 - Core Area &amp; Natorium)</b>		214	20-Aug-12 A	09-Jul-13														
<b>Mechanical Work (Areas 1 &amp; 2) - FAHRHALL</b>		175	20-Aug-12 A	08-May-13														
<b>Basement</b>		158	20-Aug-12 A	03-May-13														
MECH1020	Sheet Metal (Supply & Return Air Ducts/Exhaust Air Fans & DuctWork) - Basement - Area 1	50	21-Sep-12 A	16-Oct-12 A														
MECH1030	Fire Stopping - Basement - Area 1	5	13-Sep-12 A	31-Oct-12 A														
MECH1180	Fire Suppression - Basement - Area 1	10	17-Sep-12 A	10-Dec-12 A														
MECH1000	Plumbing - Basement - Area 1	140	20-Aug-12 A	12-Mar-13														
MECH1010	Hydraulics/Piping - Basement - Area 1	150	21-Aug-12 A	16-Apr-13														
<b>1st Floor</b>		122	20-Aug-12 A	29-Apr-13														
MECH1070	Fire Stopping/Fire Spray - 1st FLR - Area 1	5	20-Aug-12 A	24-Aug-12 A														
MECH1190	Fire Suppression - 1st FLR - Area 1	10	04-Oct-12 A	18-Oct-12 A														
MECH1050	Hydraulics/Piping - 1st FLR - Area 1	10	08-Nov-12 A	10-Dec-12 A														
MECH1060	Sheet Metal (Supply & Return Air Ducts/Exhaust Air Fans & DuctWork) - 1st FLR - Area 1	44	08-Nov-12 A	21-Jan-13 A														
MECH1040	Plumbing - 1st FLR - Area 1	89	04-Oct-12 A	29-Apr-13														
<b>2nd Floor</b>		75	20-Aug-12 A	03-May-13														
MECH1090	Hydraulics/Piping - 2nd FLR - Area 1	10	04-Oct-12 A	16-Nov-12 A														
MECH1100	Sheet Metal (Supply & Return Air Ducts/Exhaust Air Fans & DuctWork) - 2nd FLR - Area 1	75	20-Aug-12 A	13-Dec-12 A														
MECH1200	Fire Suppression - 2nd FLR - Area 1	10	31-Oct-12 A	31-Jan-13 A														
MECH1080	Plumbing - 2nd FLR - Area 1	60	20-Aug-12 A	03-May-13														
<b>Mechanical Penthouse</b>		167	20-Aug-12 A	09-Apr-13														
MECH1120	Plumbing - Mech Penthouse - Area 1	55	20-Aug-12 A	31-Dec-12 A														
MECH1140	Sheet Metal (Supply & Return Air Ductwork) - Mech Penthouse - Area 1	65	31-Dec-12 A	02-Apr-13														
MECH1130	Hydraulics/Piping - Mech Penthouse - Area 1	125	13-Nov-12 A	09-Apr-13														
<b>Upper Roof</b>		106	17-Oct-12 A	11-Apr-13														
MECH1170	Sheet Metal (Curbs, Goose Necks & Louvered Penthouse Fans) - Upper Roof - Area 1	59	17-Oct-12 A	08-Apr-13														
MECH1150	Plumbing - Upper Roof - Area 1	0	11-Apr-13*	11-Apr-13														
MECH1160	Hydraulics/Piping - Upper Roof - Area 1	0	11-Apr-13*	11-Apr-13														
<b>Mechanical Work (Area 2 - Natorium)</b>		90	20-Aug-12 A	12-Mar-13														
MECH2000	Hydraulics (Pressure Washer Piping/Compressed Air Piping) - 1st FLR - Area 2	90	20-Aug-12 A	16-Jan-13 A														
MECH2010	Plumbing - 1st FLR - Area 2	10	03-Dec-12 A	12-Dec-12 A														
<b>2nd Floor (Ceiling Space)</b>		90	19-Oct-12 A	12-Mar-13														
MECH2020	Sheet Metal (Ceiling Space Supply & Return Air Ductwork) - 2nd FLR - Area 2	50	19-Oct-12 A	12-Mar-13														
MECH2030	Sheet Metal (Ceiling Space Supply & Return Air Ductwork) - 2nd FLR - Area 2	50	19-Oct-12 A	12-Mar-13														
<b>Electrical Work (Area 1 &amp; 2) - HIDSOUTH</b>		50	17-Dec-12 A	22-Apr-13														
<b>Electrical Work (Area 1)</b>		50	17-Dec-12 A	08-Apr-13														

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Date	Revision	Checked/Appro























# Windsor Aquatic Complex - Windsor, ON

## February 28th, 2013 Update



Activity ID	Activity Description	Original Duration	Start	Finish	Milestone or Project Finish Date	2012				2013				2014						
						03	04	01	02	03	04	01	02	03	04	01	02	03	04	
2nd Floor																				
MECH4060	Hydronics - 2nd FLR - Area 4	32	20-Aug-12 A	17-Apr-13																
MECH4070	Sheet Metal - 2nd FLR - Area 4	5	20-Aug-12 A	23-Aug-12 A																
	<b>Electrical Work (Area 3 &amp; 4) - MID SOUTH</b>																			
	<b>Electrical Work (Area 3)</b>																			
ELEC2000	Area 3A & 3B - Level 1 - Electrical Rough Ins & Finishes	50	14-Jan-13 A	15-Aug-13																
ELEC2010	Area 3A - Level 2 - Electrical Rough Ins & Finishes	50	14-Jan-13 A	10-Jun-13																
ELEC2020	Area 3B - Level 2 - Electrical Rough Ins & Finishes	50	31-Jan-13 A	10-Jun-13																
	<b>Electrical Work (Area 4)</b>																			
ELEC2030	Area 4 - Electrical Rough Ins & Finishes	50	04-Feb-13 A	15-Aug-13																
ELEC2040	Area 4 - Lighting & Power	50	04-Feb-13 A	15-Aug-13																
ELEC2050	Area 4 - MCC's & Motors	50	04-Feb-13 A	15-Aug-13																
	<b>Architectural Finishes (Area 3 &amp; 4)</b>																			
	<b>Architectural Finishes (Area 3 - Lobby, 3A, 3B Including Atrium)</b>																			
	<b>1st Floor</b>																			
ARCH1220	Steel Studs - Area 3 - 1st Floor	79	20-Mar-13	11-Jul-13																
ARCH1230	Board/Tape/Sand - Area 3 - 1st Floor	79	20-Mar-13	11-Jul-13																
ARCH1240	Paint - Area 3 - 1st Floor	15	20-Mar-13	10-Apr-13																
ARCH1260	Milwork & Misc Finishes - Area 3 - 1st Floor	15	05-Apr-13	25-Apr-13																
ARCH1250	TILE INSTALL BY OTHERS - Area 3 - 1st Floor (Substrate Ready for Flooring Finishes)	25	24-Apr-13	14-May-13																
	<b>2nd Floor</b>																			
ARCH1270	Steel Studs - Area 3 - 2nd Floor	67	25-Mar-13	27-Jun-13																
ARCH1280	Board/Tape/Sand - Area 3 - 2nd Floor	15	25-Mar-13	15-Apr-13																
ARCH1290	Paint - Area 3 - 2nd Floor	10	11-Apr-13	01-May-13																
ARCH1310	Milwork & Misc Finishes - Area 3 - 2nd Floor	25	02-May-13	15-May-13																
ARCH1300	Polished Concrete Flooring - Area 3 - 2nd Floor	25	13-May-13	17-Jun-13																
CN2140	Architectural Finishes (Steel Studs/DryWall/Plumbing Fixtures) (Phase 2 - Area 4)	50	14-Jun-13	27-Jun-13																
CN2140	Architectural Finishes (Steel Studs/DryWall/Plumbing Fixtures) (Phase 2 - Area 4)	50	28-Jun-13	10-Sep-13																
CN2080	Testing & Prefunctional Commissioning (Phase 2 - Area 3 & 4)	45	15-Jul-13	13-Sep-13																
CN2080	Testing & Prefunctional Commissioning (Phase 2 - Area 3 & 4)	45	10-Jul-13	12-Sep-13																
CN2080	Inspections & Deficiency Corrections (Phase 2 - Area 3 & 4)	15	01-Oct-13	22-Oct-13																
CN2080	Inspections & Deficiency Corrections of Water Slides, Water Feature & Pool Equipments (Area 3 & 4)	154	24-Apr-13	01-Dec-13																
	<b>Project Close-out</b>																			
	<b>Natorium</b>																			
PC1010	Natorium Myrtha Pool - Final Test & Commissioning of IPC Pool Equipments	91	24-Apr-13	03-Sep-13																
PC1000	Natorium Myrtha Pool - Final Inspections & Deficiency Corrections	30	06-May-13	17-Jun-13																
PC1020	Natorium Myrtha Pool - Life Safety & Partial Occupancy Inspections & Approval	40	24-Apr-13	19-Jun-13																
PC1030	Opening of Pool (71m) for Partial City Games Use	10	10-Jun-13	21-Jun-13																
	<b>Water Play Family Recreation Area</b>																			
PC1070	Water Park - Final Test & Commissioning of Whitewater All Equipments	43	11-Sep-13	11-Nov-13																
PC1140	Water Park - IPC Final Test & Commissioning of Myrtha Pool	20	13-Sep-13	10-Oct-13																
PC1060	Water Park - Final Inspections & Deficiency Corrections	13	11-Oct-13	30-Oct-13																
		40	11-Sep-13	06-Nov-13																

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 PID: WAC-(26-Feb-13)  
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**Legend:**

- Remaining Work
- Actual Work
- Primary Schedule
- Actual Work
- Remaining Work
- Critical Remaining Work
- Achieved Milestone
- Start Constraint
- Finish Constraint
- Expected Finish
- Milestones
- Critical Milestones





## OAC Look Ahead for Windsor Aquatic Complex

Date:04/05/13 to 04/19/13

<b>EllisDon/DeAngelis</b>	<ul style="list-style-type: none"> <li>• Continue with General Site Conditions/Health &amp; Safety Issues.</li> <li>• Monitor perimeter fencing/ public walkways and signage.</li> <li>• Security (G4S) on site full time</li> <li>• Clean City Streets as needed.</li> <li>• Monitor/maintain building heat needs.</li> </ul>
<b>AC Metal</b>	<ul style="list-style-type: none"> <li>• Re-work Stair 8</li> </ul>
<b>AGF Dietrich</b>	<ul style="list-style-type: none"> <li>• Rebar placement for Flow Rider</li> </ul>
<b>Bravo Cement</b>	<ul style="list-style-type: none"> <li>• Continue Mezzanine floor grind.</li> </ul>
<b>DeAngelis Const.</b>	<ul style="list-style-type: none"> <li>• Begin basement interior door/hardware installations.</li> <li>• Complete acoustic panel placement in Natatorium.</li> <li>• Placement of foot grills and concrete in place.</li> <li>• Install angle at block masonry R-7 Lines and apply blueskin AVB.</li> </ul>
<b>Facca Inc.</b>	<ul style="list-style-type: none"> <li>• Begin forming of Flow Rider.</li> </ul>
<b>IPC</b>	<ul style="list-style-type: none"> <li>• Continue pool piping valves and controls Core Area.</li> <li>• Continue 71m Competition Pool liner welding/markings.</li> <li>• Continue Competition Pool base liner.</li> <li>• Continue bulkhead installation.</li> <li>• Continue Vario moveable floor installation.</li> </ul>
<b>Metal Tec</b>	<ul style="list-style-type: none"> <li>• Continue Insulated panels.</li> <li>• Continue Z-girt substrates Area 3a/3b.</li> </ul>
<b>Contact Masonry</b>	<ul style="list-style-type: none"> <li>• Complete block masonry patching/cleaning.</li> <li>• Continue Area 4 dado walls along R &amp; 7 Lines</li> <li>• Complete block masonry at Activity Pool Area.</li> </ul>
<b>Mid South</b>	<ul style="list-style-type: none"> <li>• Continue change over from temporary to permanent power.</li> <li>• Continue installation of distribution/switch gears and panels</li> <li>• Install Bell/Cogeco/Fiber feeds to Communication Room basement.</li> <li>• Prep for Generator Installation.</li> </ul>
<b>Riverview Drywall</b>	<ul style="list-style-type: none"> <li>• Continue parapets and air/vapor barriers as required for building envelope, Area 4.</li> <li>• Continue metal stud framing/boarding Area 3b interior/exterior.</li> <li>• Continue framing sills at 1a and A Lines to accommodate AD 300 siding panels.</li> <li>• Continue framing/boarding/taping Fitness/Dry play areas.</li> <li>• Continue Fire rated assemblies at all Stair wells.</li> </ul>
<b>Sprint Insight</b>	<ul style="list-style-type: none"> <li>• Continue sanitary/storm /domestic water piping Areas 3b</li> <li>• Continue Hydronics all floor levels.</li> <li>• Continue HVAC ducts/diffusers 1<sup>st</sup>/ 2<sup>nd</sup>/ 3<sup>rd</sup> floors.</li> <li>• Complete installations of spiral ducts Area 4.</li> <li>• Continue ducting/plenums of Dectron/AHU's units.</li> <li>• Begin gooseneck installations at Core Area</li> <li>• Complete roof sumps and rain water leaders in Area 4.</li> </ul>





<b>CIS</b>	<ul style="list-style-type: none"><li>• Continue insulation of supply ducts/storm and sanitary drains/domestic water supply and heating/cooling lines.</li></ul>
<b>H&amp;E</b>	<ul style="list-style-type: none"><li>• Continue rough in and terminations of controls all levels.</li></ul>
<b>Troy Life &amp; Fire</b>	<ul style="list-style-type: none"><li>• Continue rough in Area 3b.</li><li>• Terminate sprinkler drops to ceiling structures basement level.</li></ul>
<b>Rauth Roofing</b>	<ul style="list-style-type: none"><li>• Continue roofing Area 4.</li><li>• Begin cap flashings Area 4.</li></ul>
<b>Golder Associates</b>	<ul style="list-style-type: none"><li>• Continue soils/concrete/rebar inspections/compaction testing as needed.</li><li>• Monitor wells to complete environmental evaluation.</li></ul>
<b>GS Inspections</b>	<ul style="list-style-type: none"><li>• Continue structural steel/decking inspections/testing as needed.</li></ul>
<b>CT Soil &amp; Materials</b>	<ul style="list-style-type: none"><li>• Continue inspections of sprayed on fire proofing.</li><li>• Continue inspections of blueskin and spray foam insulation.</li></ul>
<b>Vollmer</b>	<ul style="list-style-type: none"><li>• Prep and layout for electrical duct bank feds for District Energy needs.</li></ul>
<b>RJ Cyr</b>	<ul style="list-style-type: none"><li>• Fabrication of Fluid Cooler Screen.</li><li>• Begin Roof access ladder installs.</li></ul>
<b>CGI</b>	<ul style="list-style-type: none"><li>• Continue fabrication of unitized curtain wall.</li><li>• Continue deliveries and install of curtain wall as sequenced.</li><li>• Begin fabrication of interior aluminum frames for Natatorium.</li></ul>
<b>Franklin Flooring</b>	<ul style="list-style-type: none"><li>• Continue dry pack /block parging/waterproofing of Change Rooms/Staff Rooms.</li><li>• Continue tile installations.</li><li>• Begin dry pack around Competition Pool gutter/deck drains and begin tile installations.</li></ul>
<b>Conrad Painting</b>	<ul style="list-style-type: none"><li>• Continue block fill/drywall priming/painting in Change Rooms/Staff Rooms, and Receiving/Chemical storage areas.</li></ul>
<b>Michael O'Keefe Ltd</b>	<ul style="list-style-type: none"><li>• Continue excavations/trenching/backfill/grading as needed.</li><li>• Continue Area 4 Pool piping and Flow Rider/Pool base excavations.</li></ul>
<b>Spray Systems</b>	<ul style="list-style-type: none"><li>• Continue spray fireproofing of Mezzanine level floor Area 3b</li><li>• Continue blueskin of block masonry.</li><li>• Begin spray foam insulation of Grid Line 1 block and Grid Line A walls.</li></ul>
<b>Encore Stucco</b>	<ul style="list-style-type: none"><li>• Continue stucco finishes in Natatorium viewing area walls.</li></ul>



**THE CORPORATION OF THE CITY OF WINDSOR  
Family Aquatics Complex Steering Committee**



**MISSION STATEMENT:**

*"The City of Windsor, with the involvement of its citizens, will deliver effective and responsive municipal services, and will mobilize innovative community partnerships"*

<b>LiveLink REPORT #:</b>	<b>Report Date: April 2, 2013</b>
<b>Author's Name: Don Sadler</b>	<b>Date to Committee: April 5, 2013</b>
<b>Author's Phone: 519-255-6100 ext. 1685</b>	<b>Classification #:</b>
<b>Author's E-mail: dsadler@city.windsor.on.ca</b>	

**To: Family Aquatic Complex Steering Committee**

**Subject: Wall Treatment Natatorium--Family Aquatic Complex**

**1. RECOMMENDATION: City Wide:  Ward(s): \_\_\_\_\_**

THAT the Steering Committee of the Family Aquatic Complex **APPROVE** an upset limit budget of \$600,000 for interior wall treatments in the Natatorium, **AND DIRECT** the Project Sponsor & the Project Manager to issue Change Orders for the wall treatments up to the budget cap **AND REPORT** final costs back to the Steering Committee.

**EXECUTIVE SUMMARY:**

N/A

**2. BACKGROUND:**

The Owner's Statement of Requirements contained a basic functional treatment for the walls of the Natatorium.

**3. DISCUSSION:**

As the project proceeded to this juncture, there were no major unexpected occurrences requiring use of large amounts of contingency funds. We are now in a position to revisit interior wall finishes in the Natatorium.

Other Aquatic Facilities have similar interior finishes as does the Windsor Family Aquatic Complex, however, there are wall treatments that can greatly enhance the appearance and visitor experience.

We propose:

- a) Ceramic Tile the west and south wall on the exposed block up to the insulated panels;
- b) Encapsulate the steel beams and rain water leaders;
- c) Cover the west wall insulated panels with a solid colour patterned panelling and the south wall, behind the dive tower, with a stretched vinyl product to provide a clean look for television viewing;
- d) Stucco finish the block on the north and east wall to match the second story stucco of the spectators area; and
- e) Cover the dive tower structure with a polymer water proof product to provide a consistent colour.

#### **4. RISK ANALYSIS:**

The overall construction is advanced to a degree that if this expenditure is approved the remaining contingency funds will be adequate for any unforeseen minor occurrences.

#### **5. FINANCIAL MATTERS:**

Funds are available in the overall contingency \$846,000 before approval of this request.

#### **6. CONSULTATIONS:**

City of Windsor Staff  
EllisDon/DeAngelis  
Hughes Condon Marler Architects

#### **7. CONCLUSION:**

Adding the wall treatments in the Natatorium will greatly enhance the overall experience for patrons and spectators to our Family Aquatic Complex.



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**Don Sadler**  
**Project Manager**



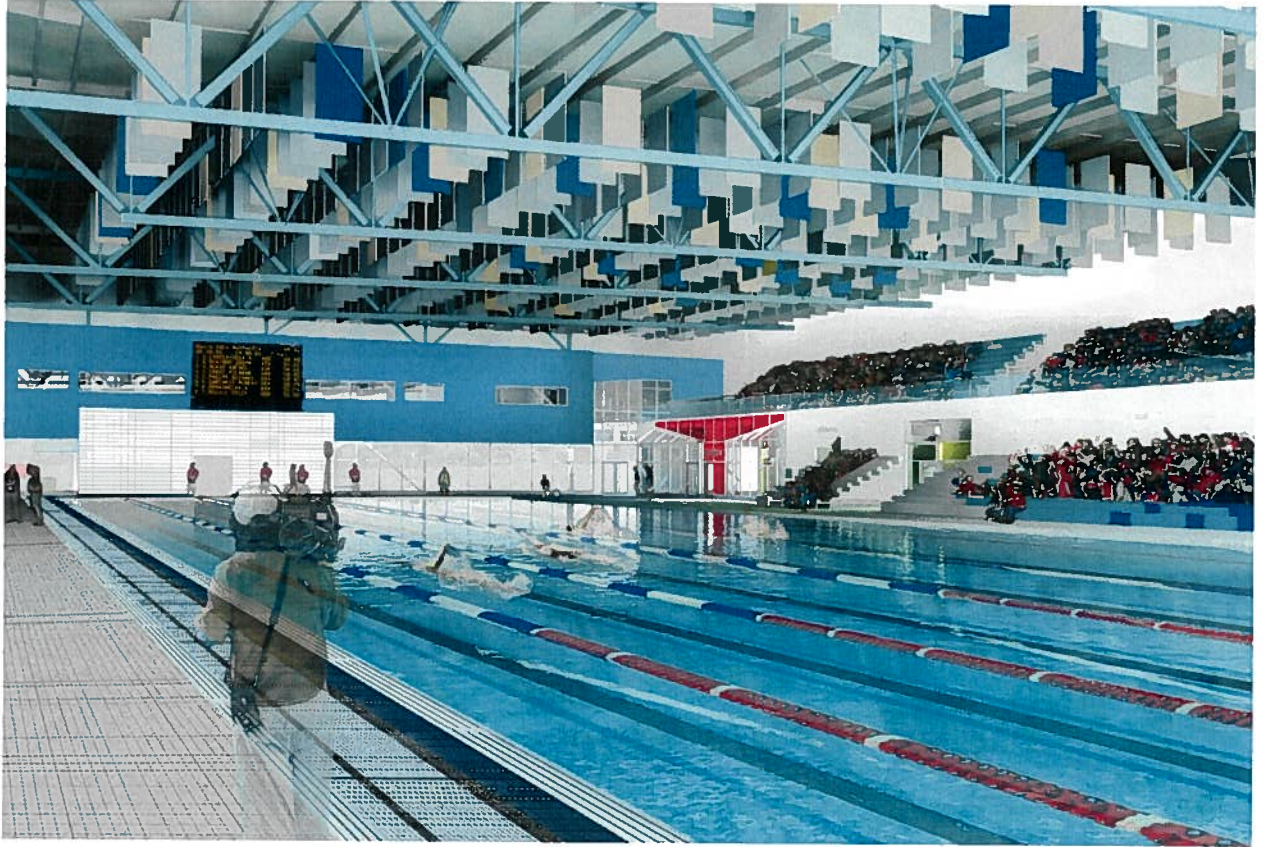
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**Onorio Colucci**  
**Project Sponsor/Chair – CFO/City**  
**Treasurer**

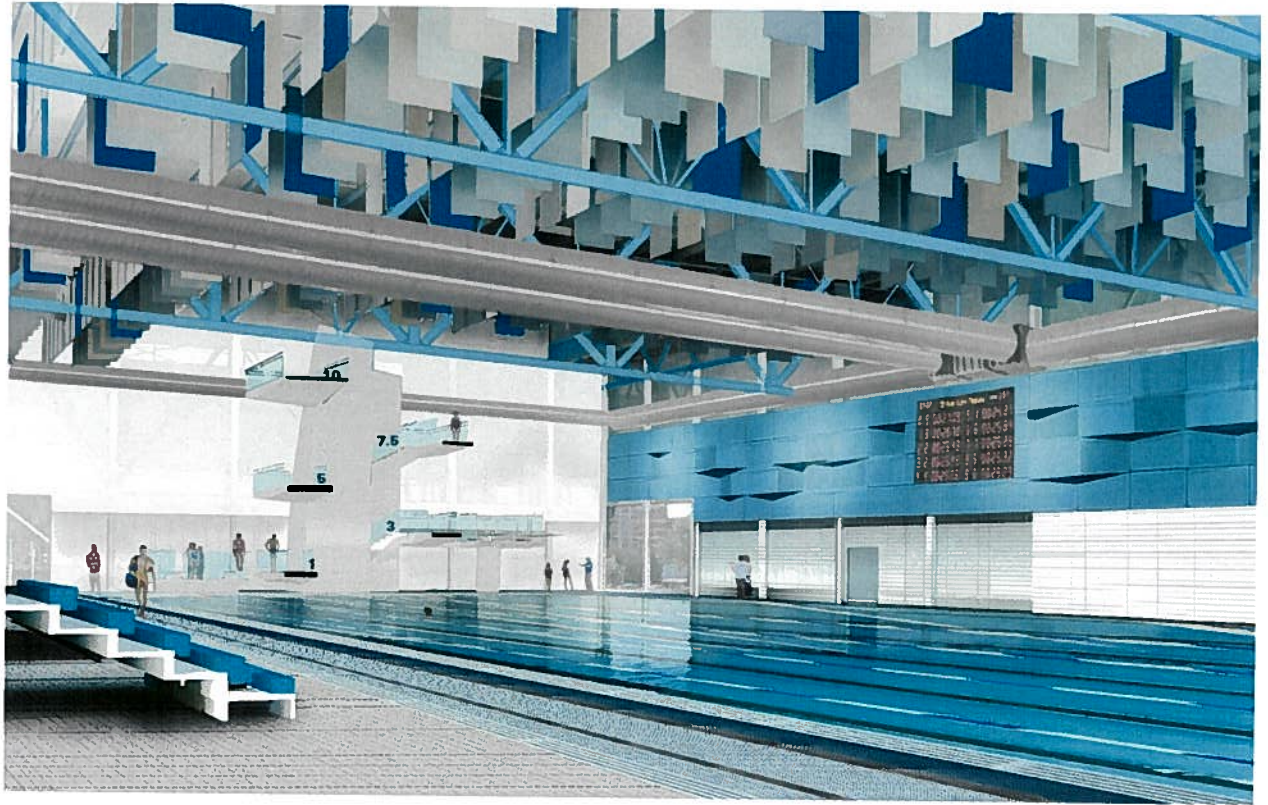
**APPENDICES:****FAC Natatorium Images – North Wall, South Wall and West Wall****DEPARTMENTS/OTHERS CONSULTED:****Name:****Phone #: 519            ext.****NOTIFICATION :**

Name	Address	Email Address	Telephone	FAX

# Natatorium North Wall

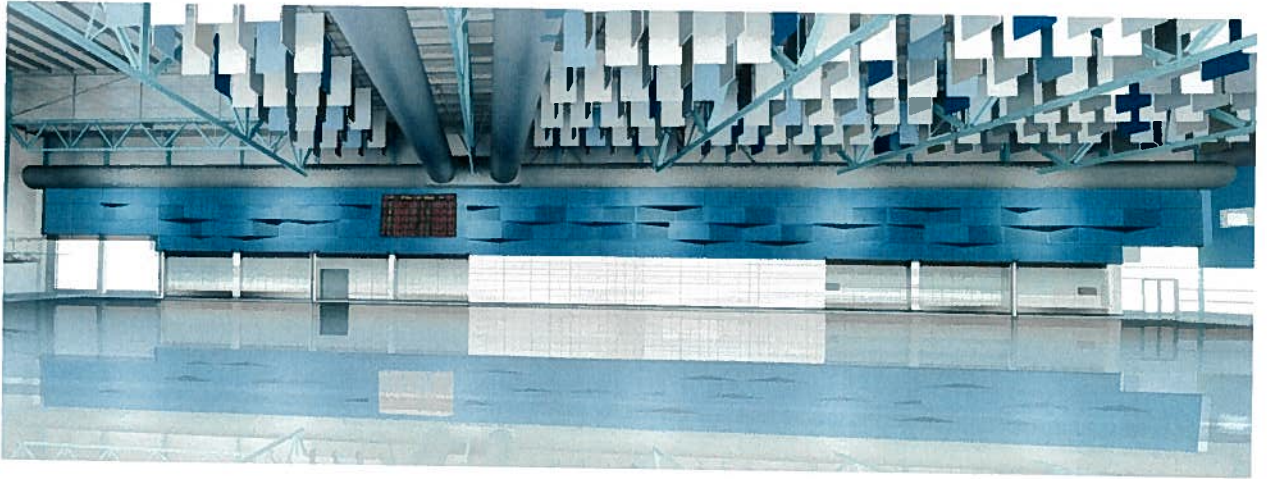


# Natatorium South Wall





Natorium West Wall



**THE CORPORATION OF THE CITY OF WINDSOR  
Family Aquatics Complex Steering Committee**



**MISSION STATEMENT:**

*"The City of Windsor, with the involvement of its citizens, will deliver effective and responsive municipal services, and will mobilize innovative community partnerships"*

<b>LiveLink REPORT #:</b>	<b>Report Date: April 2, 2013</b>
<b>Author's Name: Don Sadler</b>	<b>Date to Committee: April 5, 2013</b>
<b>Author's Phone: 519-255-6100 ext. 1685</b>	<b>Classification #:</b>
<b>Author's E-mail: dsadler@city.windsor.on.ca</b>	

**To: Family Aquatic Complex Steering Committee**

**Subject: Dry Play Structure**

**1. RECOMMENDATION: City Wide:  Ward(s): \_\_\_\_\_**

THAT the Steering Committee of the Family Aquatic Complex **APPROVE** the supply and installation of a dry play structure in the Family Aquatic Complex, by EllisDon/DeAngelis Joint Venture at a total cost of \$269,579 including management fee and bonding.

**EXECUTIVE SUMMARY:**

N/A

**2. BACKGROUND:**

As part of the approved Family Aquatic Complex Furniture, Fixtures and Equipment (FF&E) Budget a dry play structure was included.

EllisDon/DeAngelis worked with City staff to design the space for the dry play structure allowing the features of the desired playability to fit in the space and meet the required budget of the City.

**3. DISCUSSION:**

The dry play structure will include the following equipment:

- |                 |                  |
|-----------------|------------------|
| Bubble Climb    | 1 Bumper Blaster |
| 1 Ball Fountain | 8 Ball Blasters  |

1 Ball Return System  
Cave Crawl  
Horizontal Roller Squeeze  
Jagged Web Crawl  
Moonwalk  
Punch Bags  
Padded Floors  
Access Panels  
Shoe Keepers

2 Level Spiral Slide  
Spider Web Panels  
Web Bridge  
Web Elevators  
Metal Netting  
No-Climb Net on 1<sup>st</sup> Floor  
Heavy Duty Net on 2<sup>nd</sup> & 3<sup>rd</sup> Level  
Tuff Foam Padding Throughout  
ADA Entrance

Ellis Don/DeAngelis called for proposals and the Ballocity Dry Play by Prime Play offered the requested equipment that could be designed to fit in our predesigned space in the Family Aquatic Complex. Prime Play met the required working conditions of the site dictated by EllisDon/DeAngelis, were the lowest price and came within the City of Windsor budget. Prime Play is a division of WhiteWater West who are the prime supplier of the Water Park features. We expect that the lower proposal cost was a result of their contract with EllisDon/DeAngelis and that they will have installation staff for the water Park on site at the same time.

#### **4. RISK ANALYSIS:**

The Ballocity Dry Play system meets the Canadian CSA and American ASTM F1918 safety standards and is ADA compliant. Prime Play will be a sub contractor to Ellis Don/ DeAngelis and ED/DA will be responsible for installation and warranty.

#### **5. FINANCIAL MATTERS:**

The FF&E Budget of the Family Aquatic Complex has sufficient funds to purchase the Dry Play Structure at a cost of \$269,579 inclusive of management fee and bonding. Remaining funds before this approval \$ 1,769,938.00.

#### **6. CONSULTATIONS:**

Recreation and Culture COW  
EllisDon/DeAngelis Joint Venture

#### **7. CONCLUSION:**

The purchase and assignment of the Dry Play Structure to EllisDon/DeAngelis Joint Venture will provide the City with the desired equipment and installation can be accomplished before opening of the complex.





**Don Sadler**  
**Project Manager**



**Onorio Colucci**  
**Project Sponsor/Chair – CFO/City**  
**Treasurer**

**APPENDICES:**

- Appendix A – Bid Results**
- Appendix B – City of Windsor Sales Agreement**
- Appendix C – Ballcity Play Quote**
- Appendix D – DHP – WAC Quote**
- Appendix E – Structural Concept**

**DEPARTMENTS/OTHERS CONSULTED:**

**Name:**  
**Phone #: 519                    ext.**

**NOTIFICATION :**

<b>Name</b>	<b>Address</b>	<b>Email Address</b>	<b>Telephone</b>	<b>FAX</b>

# Windsor Aquatic Complex

**PROJECT NAME:** Windsor Aquatic Complex

**BID DATE:** Feb . 7, 2013

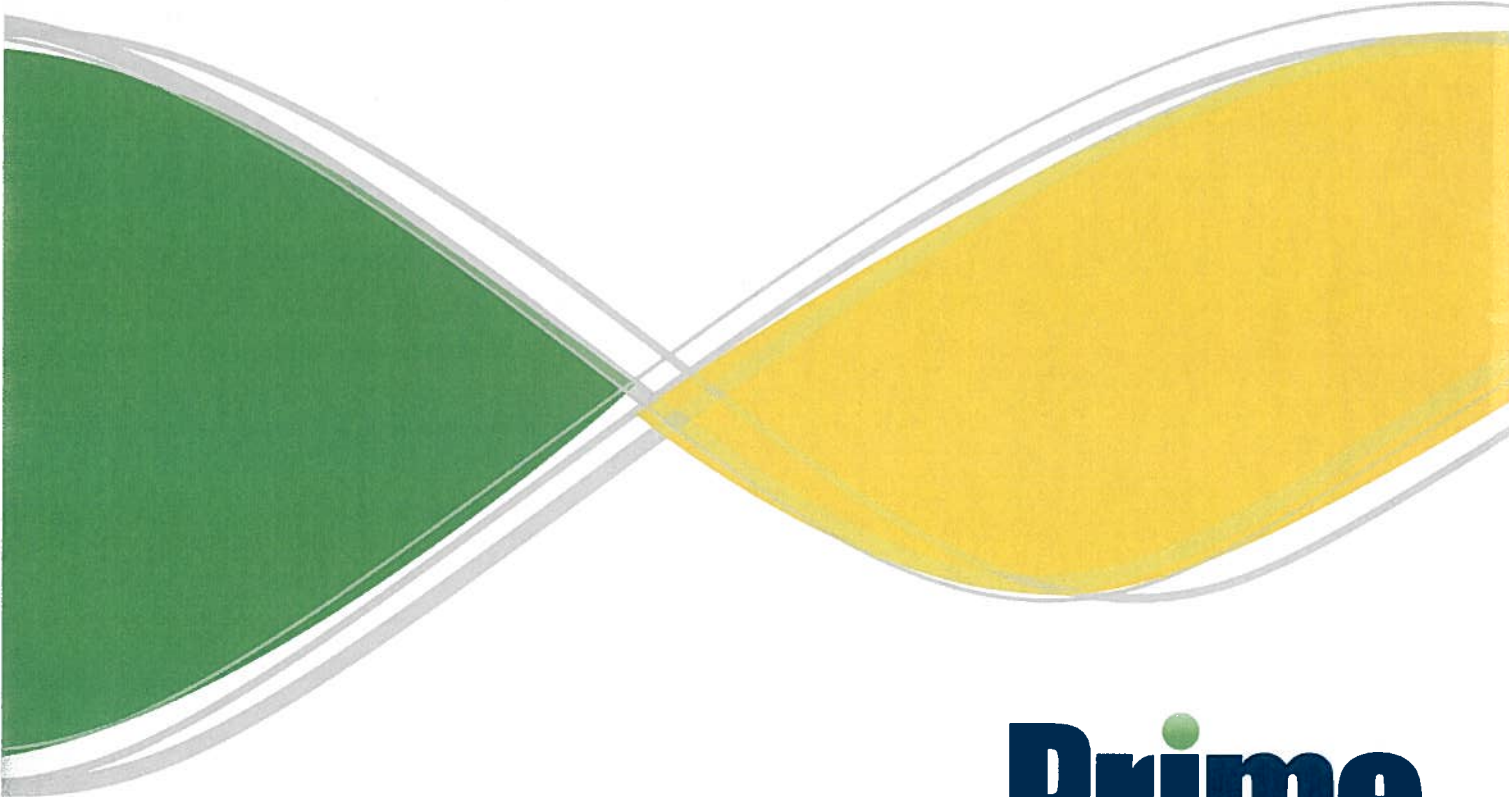
**JOB NUMBER:** #4722

**Tender Package #8: Dry Play Structure**

CONTRACTOR	PRICE	Installation							
1. Prime Play	\$269,579	included							
2. DHP	\$283,058	included							
3. Resicom Contracting	\$291,850	included							

Recommendation: ED/DA recommend awarding this tender package to the low bidder Prime Play.

Note: Schedule 10 weeks from deposit to ship date + 26 working days to install

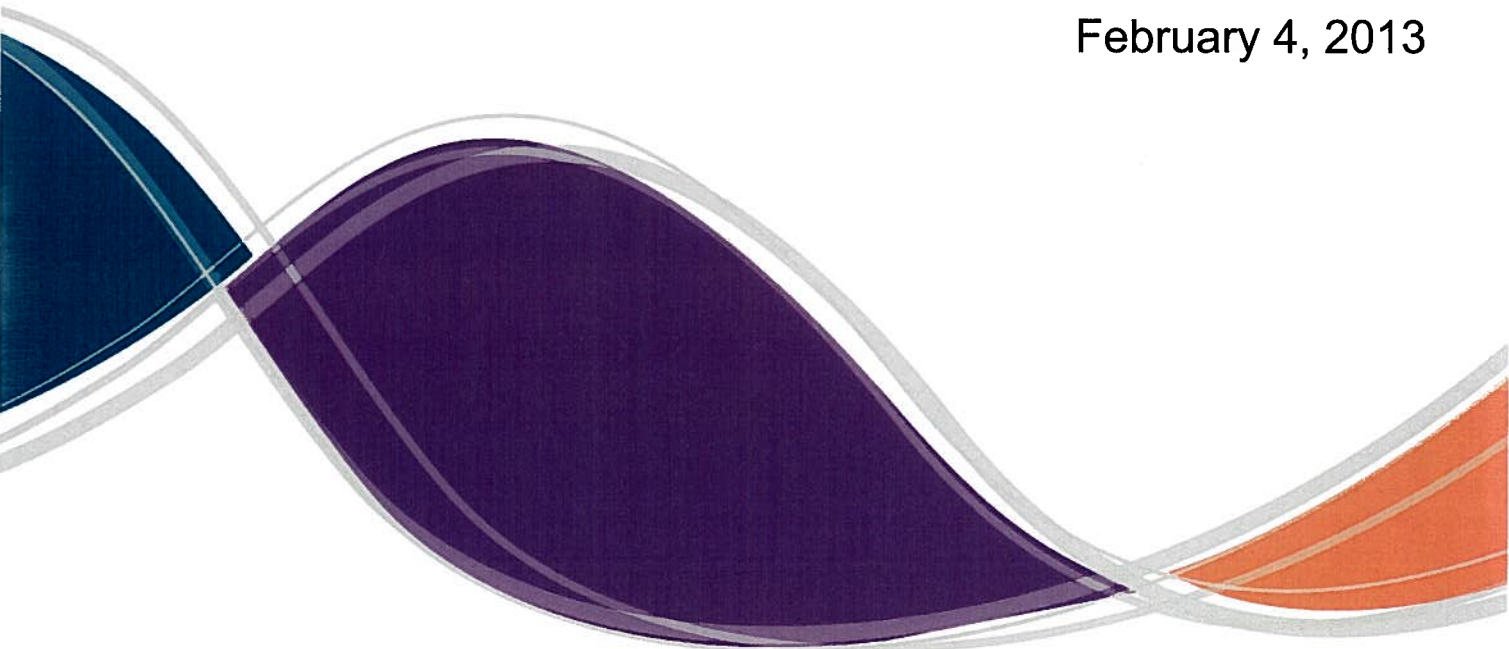


# Prime Play

City of Windsor Proposal

21000 R0

February 4, 2013





## **Our Company**

### **The World Leader in the Design and Manufacturing of Active Family Attractions**

Prime Play has been creating active attractions that are fun for the entire family for nearly 20 years. As the world leader in the design and manufacturing of active play attractions, Prime Play brings a world of imagination to life.

Specializing in Family Adventure Parks, Soft Contained Play, Ballocity™, Foam Factory™, Water Rides, AquaCourse and Theming, Prime Play's in-house team of experts can design the ideal mix of attractions to suit amusement parks, family entertainment centers, hotels, resorts, shopping malls, restaurants, fitness clubs, bowling centers and other family-friendly facilities.

Prime Play is a division of WhiteWater West Industries Ltd.

## Global Awards & Highlights

### SeaWorld, Australia - Family Adventure Park



Shortly after the addition of the Prime Play Family Adventure Park SeaWorld won "Best Family Resort Australia"

### Legoland, California, Florida - Ballocity, Giant Slide Complex, Contained Play

Prime Play has long been a premiere provider in Legoland parks in Germany, California, Florida, and most recently in Malaysia.



### Carnival Cruise Lines - Ropes Course



The first ropes course installed on a cruise liner on the Carnival Magic. Prime won best new attraction at IAAPA 2011. The second Ropes Course was installed onboard the Carnival Breeze in 2012.

### SAFRA, Singapore - Foam Factory, Ballocity

Designed, manufactured, and installed the world's tallest Foam Factory Ballocity system



### Crazy Pinz, Indiana, USA - Ballocity System



Anchor attraction in Crazy Pinz facility that won "Best Family Entertainment Center World-wide"

### TreePaad NY, USA - Themed Ballocity

Prime Play was part of initial concept from feasibility study of the site through opening where Tree Paad Won "IAAPA Golden Token Awards for Best FEC"







## A Small Sample of Prime Play's Global Customers

### North America

- Universal Studios, Florida – Foam Factory™, Water Coaster
- Six Flags, California – Foam Factory™
- Jumpin Jammin, California – Numerous Ballocity™ Play Systems, Ropes Course
- Ontario Place, Ontario – Foam Factory™
- Funtropolis, Quebec – Foam Factory™, Contained Play System
- LegoLand, California, Florida – Ballocity™ Play System, Giant Slide Complex
- Six Flags, NY – Spinning Rapids Ride
- Stone Mountain, Georgia – Adventure Trail

### Europe

- Whitworth, Ireland – Themed Ballocity Play System
- Weissenhauser Strand, Germany – Themed Ballocity™ Play System
- Hanza Park, Germany – Spinning Rapids Ride
- Parc Asterix, France – Spinning Rapids Ride
- Porta Aventura, Spain – Themed Contained Play System
- Parc du Bocasse, France – Themed Contained Play
- Igorland, Ukraine – Numerous contained play installations

### Middle East

- F1 Ferrari Theme Park, UAE – Themed Interactive Play System
- Oasis Mall, UAE – Ballocity Play System
- Magic Planet, UAE – Foam Factory™
- Magic Planet, Bahrain – Foam Factory™
- Landmark Mall, Doha – Contained Play System

### Asia-Pacific

- Universal Studios, Japan – Water Coaster
- Lotte World, Korea – Themed Contained Play
- Aberdeen Marine Club, Hong Kong – Foam Factory™
- Jakarta Mall, Indonesia – Themed Contained Play
- SAFRA, Singapore - Foam Factory™
- Puteri Harbour, Malaysia – Branded Contained Play Systems
- SeaWorld, Australia – Ropes Course, Adventure Trail, Themed Contained Play System
- Monkey Mania, Australia – Numerous Ballocity™ Systems

## Sales Agreement

February 4, 2013

<b>Customer:</b>	EllisDon Corporation
<b>Project Name:</b>	City of Windsor
<b>Project Number:</b>	21000 R0
<b>Location:</b>	Windsor, ON

This agreement is between:

Prime Play by Whitewater (hereinafter referred to as "PRIME")  
6700 McMillan Way  
Richmond, BC V6W 1J7 Canada

And: EllisDon Corporation  
London, ON  
Canada

The agreement covers the following scope of work that will be performed by Prime Play:

- 1.) **Design Services**
  - a. Concept Plan
- 2.) **Attraction Supply**
  - a. Ballocity
- 3.) **Installation Services**

This agreement is based on the Prime Play drawing 21000 R1 dated April 24, 2012 which is attached as a part of this Agreement. Final design may vary with site conditions and other constraints. All of the above will be performed in accordance with the specifications below. Items defined with the proposal shall be superseded by additional information in this document, its Attachments and Schedules, including any exceptions to the proposal listed in Schedule B: Exceptions.

### **Section 1: Final Pricing – Canadian Dollars**

Ballocity	\$ 254,200
Installation	\$ Included
Freight	\$ Included
Does not include applicable taxes	
<b>TOTAL</b>	<b>\$ 254,200 CAD Dollars</b>

Project freight terms are DDU Jobsite, per INCOTERMS 2010



**Terms of Payment:**

10% deposit upon signing this agreement	\$ 25,420
10% upon completion of engineering	\$ 25,420
30% upon shipment of 50% manufactured goods	\$ 76,260
20% upon completion of manufacturing and all materials delivered to site	\$ 50,840
25% upon installation billable on % of work completed	\$ 63,550
5% upon certification	\$ 12,710
<b>TOTAL</b>	<b>\$ 254,200 CAD</b>

Payment for installation services shall be made on monthly progress draws for installation work completed on site. A 10% amount may be retained on each of the progress draws to be paid not later than 45 days after substantial completion.

**Section 2: Scope of Work**

a) Scope Charter

**Design**

- Design of equipment shall follow the guidelines specified by applicable sections of ASTM F1918
- The client shall review and provide approval of production drawings prior to manufacturing

**Manufacturing**

- The origin of equipment may include Canada, USA, China, the Philippines, and/or Egypt

**Freight**

- Project freight terms are DAP Windsor Ontario, per INCOTERMS 2010

**Installation**

- Prime Play shall provide all installation services
- The client shall arrange all applicable construction or building permits

**Schedule**

- 9-10 weeks required from receipt of deposit to ship date from Prime Play



## Ballocity

### Equipment

- Equipment and theming per attached proposal drawing 21000 R0
  - Bubble Climb
  - 1 Ball Fountain
  - 1 Ball Return System
  - Horizontal Roller Squeeze
  - Moonwalk
  - Padded Floors
  - Shoe Keepers
  - Spider Web Panels
  - Web Elevators
  - No-Climb net on the 1<sup>st</sup> level
  - Tuff Foam Padding throughout
  - 1 Bumper Blast
  - 8 Ball Blasters
  - Cave Crawl
  - Jagged Web Crawl
  - Punch Bags
  - Access Panels
  - 2 Level Spiral Slide
  - Web Bridge
  - Metal Netting
  - Heavy Duty net on 2<sup>nd</sup> & 3<sup>rd</sup> level
  - ADA Entrance

### Installation:

- Estimated duration: 26 working days
- Installation supervisors: 2
- Structures shall be permanently anchored to the floor and/or surrounding walls as noted using expansion anchors

Scope Responsibilities	Prime	Client
<b>Design &amp; Documentation</b>		
Structural detail drawings	X	
Operations & Maintenance Manual (English)	X	
Material Specifications	X	
Dimensioned site plan including overhead clearances (PDF or DWG)		X
Specification of air compressor and pneumatic lines	X	
<b>Equipment</b>		
Play Equipment and structures per attached drawing set	X	
Thematic content per attached drawing set	X	
Safety flooring as noted		X
Electrical Supply: 115 VAC 60 Hz and 220 VAC 60 Hz		X
Air Compressor and pneumatic lines		X
Air Compressor location: <ul style="list-style-type: none"> <li>• Space required: min. 8' ceiling height, 5' x 7 area</li> <li>• Electrical supply required</li> <li>• Ventilation system required to prevent compressor from overheating</li> <li>• Client to specify suitable location for compressor and equipment</li> </ul>		X
<b>Installation</b>		
Turnkey installation supervision, including all expenses	X	
Site inspection to review compressor installation	X	
Construction or building permits		X
Installation equipment, including arrangements and costs		X
<b>Inspection, Certification &amp; Training</b>		
Inspection of work per production drawings	X	
Approval and sign off per applicable local building codes and requirements		X
Third party inspection of equipment and designs		X



## Equipment Specifications

### Overview

Ballocity Play systems are traditional play systems which incorporate patented interactive ball play components suitable for indoor and outdoor installations, and are designed for use by children aged 5-12 years old. The design shall conform to applicable sections of ASTM F1918 and EN 1176 for soft contained play.

Individual events are powered by compressed air, either from a central compressor or integral blowers on larger events. All triggering circuits are controlled electronically.

Ballocity equipment is added to Traditional Play systems, see 10-301.TRAD for additional specifications.

### Fabrication

Steel used for ballocity components shall conform to CSA G40.21 Grade 44W minimum or equivalent. All external surfaces shall be sealed with epoxy primer or powder coated.

### Foam Balls

Foam balls used on Ballocity systems shall be manufactured from closed-cell EVA foam, and shall be fire resistant per EN ISO 11925-2. Foam balls are non-toxic and are tested for lead and phthalate content.

### Conveyor Tubes

The tubing used to transport the balls is manufactured from PVC and polyurethane, and is rated for food grade transportation.

### Wires and Electrical Components

Wiring and components used for Ballocity systems shall be CE approved. All wiring for DC systems will be positioned to limit accessibility, and all connection points shall be inaccessible. All wiring and connections for AC systems will be inaccessible from play areas.

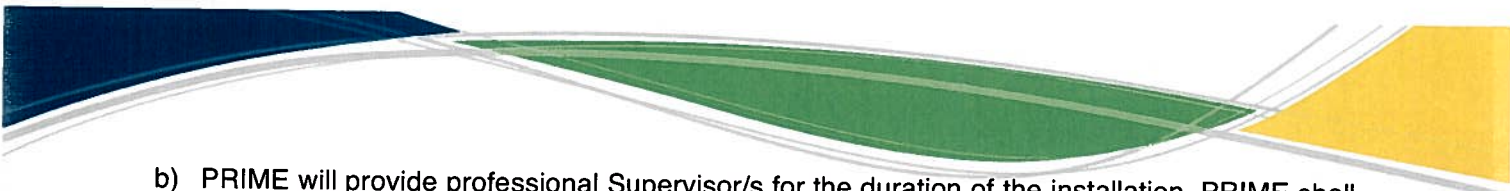
### Electrical Supply Requirements

The Ballocity system requires a continuous electrical supply of 110V AC at 60 Hz for operation. The triggering circuits used to activate compressed air events run at 15V DC. Larger components that are powered by integral blowers require either 110V at 60Hz or 220V at 60 Hz.

### Pneumatic Supply Requirements

The Ballocity system requires a supply of compressed air at 110 psi (758 kPA). The required flow rate is job specific and is listed on the production drawings in cubic feet per minute.

The air supply must be free of moisture and contaminants. The compressor system must be rated for continuous use.



b) PRIME will provide professional Supervisor/s for the duration of the installation. PRIME shall supply the Buyer with the following Installation Supervision services: Installation supervision includes all costs for Prime Play approved supervisor/s to supervise the installation of the attractions in accordance with ASTM F1918 safety standards. To the best of PRIME knowledge, these are currently the only applicable standards that pertain to this type of equipment. Equipment installation is expected to take approximately 26 working days. The Buyer agrees to the Standard Installation Terms and Conditions (Attachment 212) attached hereto.

### **Section 3: Attachments**

The following Attachments form part of this Agreement:

- Attachment 210 – Standard Terms and Conditions
- Attachment 211 – Warranty
- Attachment 212 – Standard Installation Supervision Terms and Conditions
- Attachment 213 – Equipment and Tool Requirements
- Attachment 216 – Wire Transfer Information

By execution of this Agreement, Purchaser hereby affirms that PRIME and Purchaser have reviewed and agree to all Attachments attached hereto and expressly incorporated and made a part of this Agreement. In the event of any conflict between provisions contained herein and provisions contained in the Attachments, information in this document shall control.

Approved and Accepted for:

PRIME: \_\_\_\_\_

Buyer: \_\_\_\_\_

Name: Teri Ruffley

Name: \_\_\_\_\_

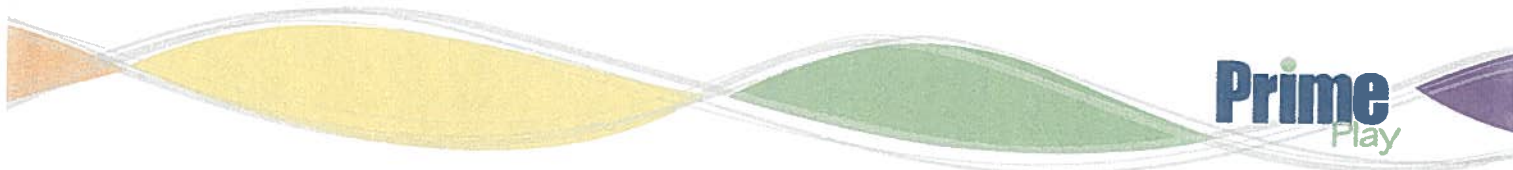
Title: Managing Director

Title: \_\_\_\_\_

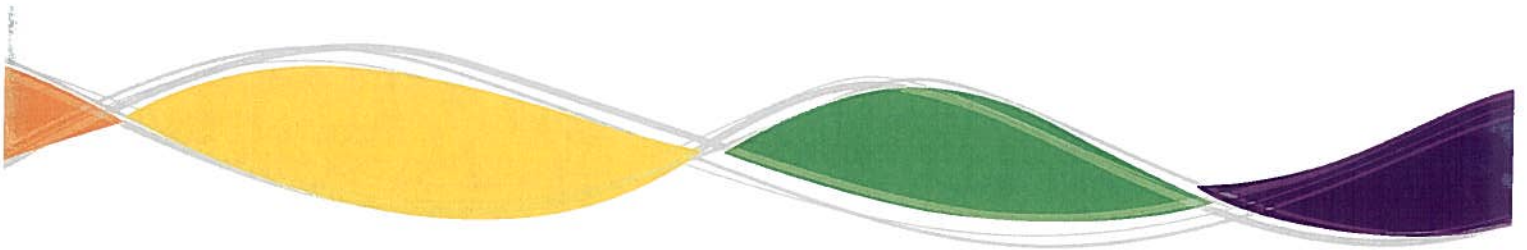
Date: \_\_\_\_\_

Date: \_\_\_\_\_

11/10/07







6700 McMillan Way  
Richmond, BC V6W 1J7 Canada  
T. +1.604.232.4505  
E. info@primeplay.com

**Prime**  
Play

[www.primplay.com](http://www.primplay.com)

February 7, 2013

Ellis Don Construction  
2045 Oxford Street East  
London, Ontario

Attention: Leslie Yott

**RE:**

**Ballocity Play  
REVISED QUOTATION  
City of Windsor**

Please except this letter as our formal quotation for the supply and installation of The Ballocity Play System complete, as manufactured by White Water West.

**Included:** All materials, labour, detailed structural drawings, specifications.

- Bubble Climb
- Roller Squeeze
- Shoe Keepers
- No Climb Net
- Cave Crawl
- Web Bridge
- Rubber Tiles
- Ball Fountain (1)
- Moon Walk
- Spider Web Panels
- Bumper Blaster (1)
- Punch Bags
- Metal Netting
- ADA Entrance
- Ball Return System (1)
- Access Panels
- Web Elevators
- Ball Blaster (8)
- Jagged Web Crawl
- 2 Level Spiral Slide
- H.D. Net (2<sup>nd</sup> & 3<sup>rd</sup>. level)

**Excluded:**

- Dimensioned Plans and overhead clearances.
- Suitable access to work and parking.
- Electrical supply and associated permits.
- All other construction Permits.
- Third Party & TSSA inspections and certifications (if required)
- Specific installation equipment.
- Padded floors and compressor are not included.

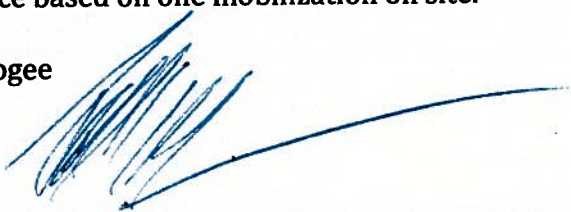
**PRICE**

**\$ 275,200.00  
+ H.S.T.**

**Terms and Conditions:**

- A deposit of 50% is required with the order.
- Monthly progress draws for the remainder net 30 days from month end.
- 10% statutory hold backs will apply until this work is substantially complete.
- No allowance for maintenance hold backs associated with this work.
- 2% per month interest on overdue accounts applies.
- Price based on one mobilization on site.

Robert W. Brogee  
President





94 Curtis Street  
St. Thomas, Ontario  
N5P 1J2  
Phone: 519-633-8820  
Fax: 519-633-7033

January 29, 2013

Ellis Don  
London, Ontario

**Amended Price Feb 5 2013 considering the deletion of the padded floor and compressor**

**Estimate for the following**

**Supply and installation of the Dry Play Structure located in Windsor, Ontario**

Supply, ship to site and installation of the following components for the play structure:

Bubble Climb	1 Bumper blast
1 ball fountain	8 Ball blaster
1 ball return system	Cave crawl
Horizontal roller squeeze	Jagged web crawl
Moonwalk	Punch bags
Padded floors ...not included	Rubber tiles
Shoe keepers	2 Level spiral slide
Spider web panels	Web bridge
Web elevators	Metal netting
Climb net, no climb 1 <sup>st</sup> level	Heavy duty netting
Safety padding throughout	
Access panels	

**Total Price not including applicable taxes.....\$266,910.00**



**PAYMENT SCHEDULE FOR CONTRACT**

To be determined upon signing of contract

1. The client is responsible to arrange his own financing and to pay all the costs necessary to arrange suitable financing.
  
2. Client will be responsible for all required utilities and a suitable washroom facility during the course of construction.
  
3. A general clean up will be completed in order to maintain a safe and tidy jobsite.
  
4. The client will supply and be held responsible for all necessary building permits and building inspections.
  
5. If the client request modifications, alterations, additions or extras over and above the existing contract, the extra work will be submitted to the owner through a written estimate. If the estimate for the extra work is accepted, then a written change order will be signed by the owner and the contract price shall be adjusted to reflect said changes and shall be performed under the applicable conditions of the contract conditions.
  
6. The client will be responsible for supplying suitable storage for materials and a convenient location for a dump bin or trailer on site.
  
10. Manufacturer offers a one year warranty on materials and labour. Manufacturer's warranties can be longer than the one year. This will be specified when purchasing products and all necessary attached warranties will be provided to the home owner.

DHP Contracting warrants that all work will be completed in a workmanlike manner and in accordance with the Ontario Building code regulations.

GST # 884131525 RT 0002  
BUILDERS # 42333  
WSIB # 6233082

Presented by \_\_\_\_\_ Date \_\_\_\_\_  
DHP CONTRACTING, a division of 1377537 ONTARIO INC.

Accepted by \_\_\_\_\_ Date \_\_\_\_\_

Accepted by \_\_\_\_\_ Date \_\_\_\_\_

DHP Contracting thanks you for the opportunity of presenting this proposal.



94 Curtis Street, St. Thomas, Ontario  
Phone: 519-633-8820 Fax: 519-633-7033

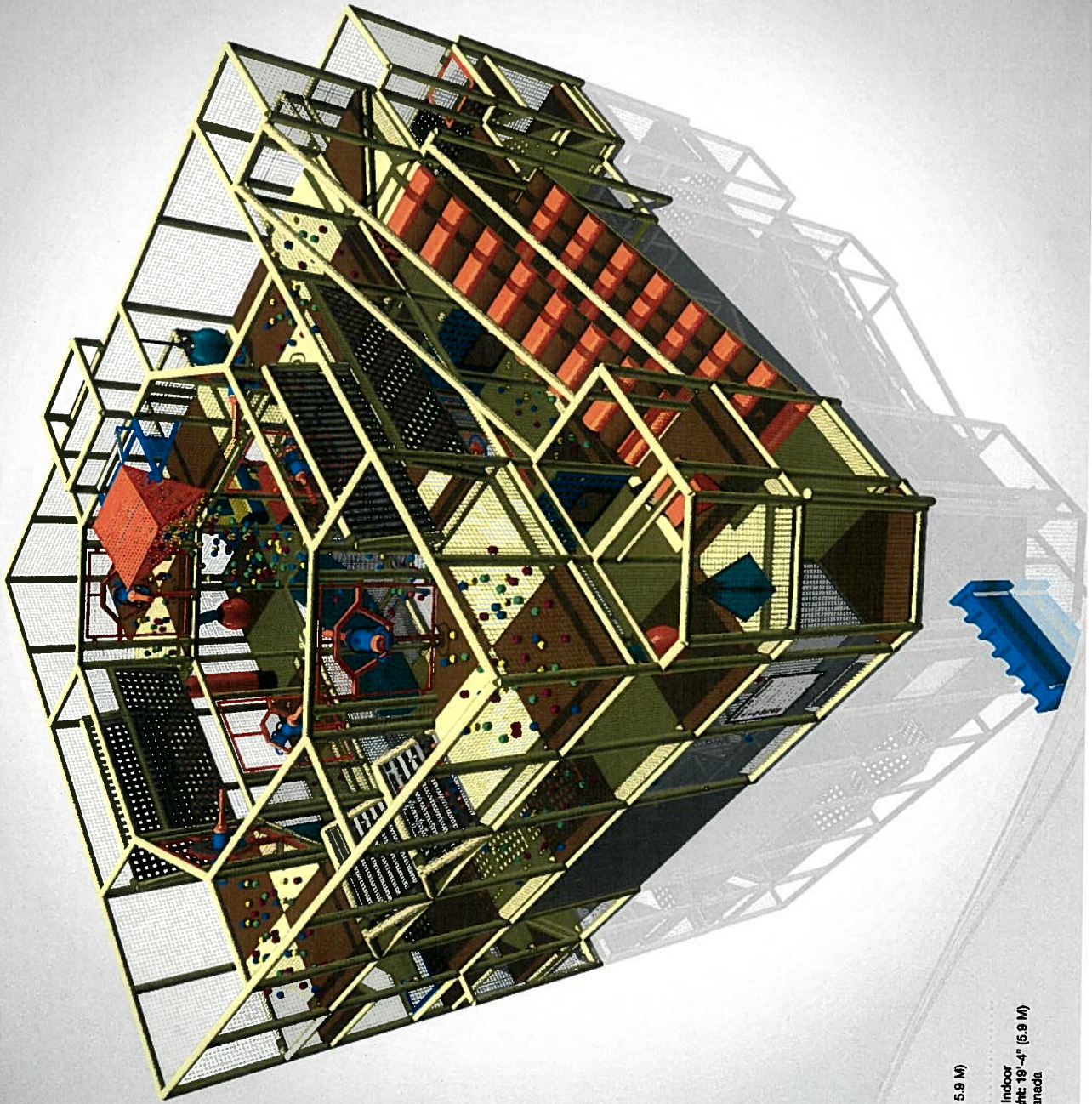
### **RENOMARK™ CODE OF CONDUCT**

1. Member in good standing of the London Home Builders' Association (LHBA) and St. Thomas and Elgin Home Builders' Association (STEHBA).
2. Abide by the LHBA and STEHBA Code of Ethics.
3. Provide a detailed, written contract (including scope of work) for all jobs.

4. Offer a minimum two year warranty on all work (excluding minor home repair).
5. Carry a minimum of \$2 million liability insurance.
6. Have coverage for workplace safety and employers' liability and/or work only with subcontractors who carry such coverage (WSIB).
7. Carry applicable licenses and permits.
8. Maintain a professional level of knowledge of current building codes, permit procedures, and technical skills through continuing education.
9. Maintain a safe and organized worksite.
10. Return phone calls within two business days.







*Structural Concept*  
**21000 R1 City of Windsor**

Size: 28'-0" x 28'-0" x 19'-4" (8.5 M x 8.5 M x 5.9 M)  
Capacity: 160 Persons

Date: Apr 24, 2012  
Designer: JH  
Acc't Exec: NJ/BA

In/Outdoor: Indoor  
Ceiling Height: 19'-4" (5.9 M)  
Location: Canada

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*Structural Concept*  
**21000 R1 City of Windsor**

Size: 28'-0" x 28'-0" x 19'-4" (8.5 M x 8.5 M x 5.9 M)  
Capacity: 160 Persons

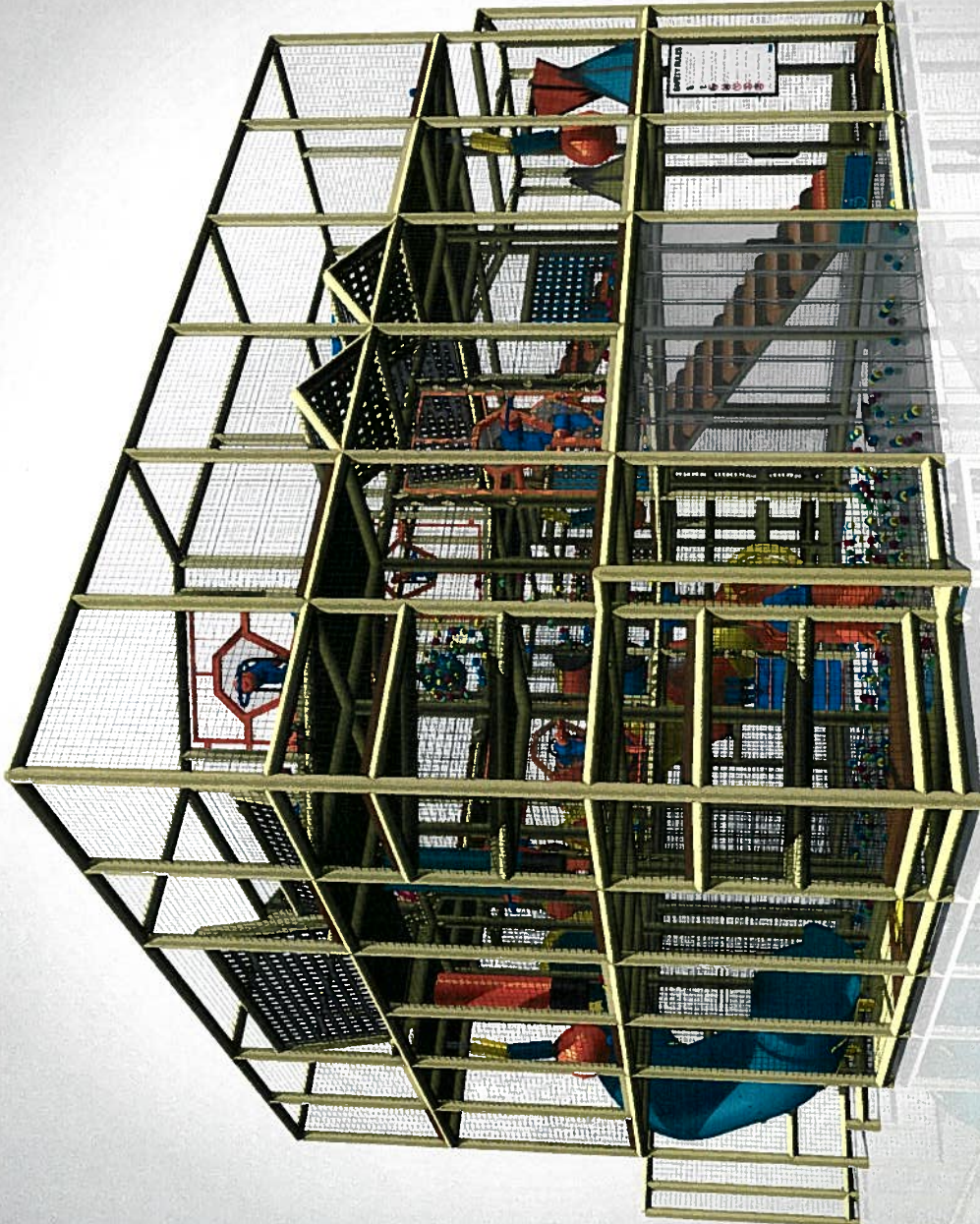
Date: Apr 24, 2012  
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**Structural Concept**  
**21000 R1 City of Windsor**

**Size:** 28'-0" x 28'-0" x 19'-4" (8.5 M x 8.5 M x 5.9 M)  
**Capacity:** 160 Persons

**Date:** Apr 24, 2012  
**Designer:** JH  
**Acc't Exec:** NJ/BA

**In/Outdoor:** Indoor  
**Ceiling Height:** 19'-4" (5.9 M)  
**Location:** Canada

ALL WORK SHALL BE SUBJECT TO THE APPROVAL AND INSPECTION OF THE MUNICIPALITY AND THE DISTRICT OF COUNCIL. THE MUNICIPALITY AND THE DISTRICT OF COUNCIL SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PLAY EQUIPMENT AND THE PLAY AREA. THE MUNICIPALITY AND THE DISTRICT OF COUNCIL SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE PLAY EQUIPMENT AND THE PLAY AREA. THE MUNICIPALITY AND THE DISTRICT OF COUNCIL SHALL BE RESPONSIBLE FOR THE SAFETY OF THE PLAY EQUIPMENT AND THE PLAY AREA. THE MUNICIPALITY AND THE DISTRICT OF COUNCIL SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE PLAY EQUIPMENT AND THE PLAY AREA. THE MUNICIPALITY AND THE DISTRICT OF COUNCIL SHALL BE RESPONSIBLE FOR THE REMOVAL OF THE PLAY EQUIPMENT AND THE PLAY AREA. THE MUNICIPALITY AND THE DISTRICT OF COUNCIL SHALL BE RESPONSIBLE FOR THE REPAIR OF THE PLAY EQUIPMENT AND THE PLAY AREA. THE MUNICIPALITY AND THE DISTRICT OF COUNCIL SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF THE PLAY EQUIPMENT AND THE PLAY AREA. THE MUNICIPALITY AND THE DISTRICT OF COUNCIL SHALL BE RESPONSIBLE FOR THE RELOCATION OF THE PLAY EQUIPMENT AND THE PLAY AREA. THE MUNICIPALITY AND THE DISTRICT OF COUNCIL SHALL BE RESPONSIBLE FOR THE REMOVAL OF THE PLAY EQUIPMENT AND THE PLAY AREA. THE MUNICIPALITY AND THE DISTRICT OF COUNCIL SHALL BE RESPONSIBLE FOR THE REPAIR OF THE PLAY EQUIPMENT AND THE PLAY AREA. THE MUNICIPALITY AND THE DISTRICT OF COUNCIL SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF THE PLAY EQUIPMENT AND THE PLAY AREA. THE MUNICIPALITY AND THE DISTRICT OF COUNCIL SHALL BE RESPONSIBLE FOR THE RELOCATION OF THE PLAY EQUIPMENT AND THE PLAY AREA.

Order to verify dimensions prior to fabrication of equipment. Please sign and return to Prime Play upon approval.  
Date: \_\_\_\_\_  
Signature: \_\_\_\_\_

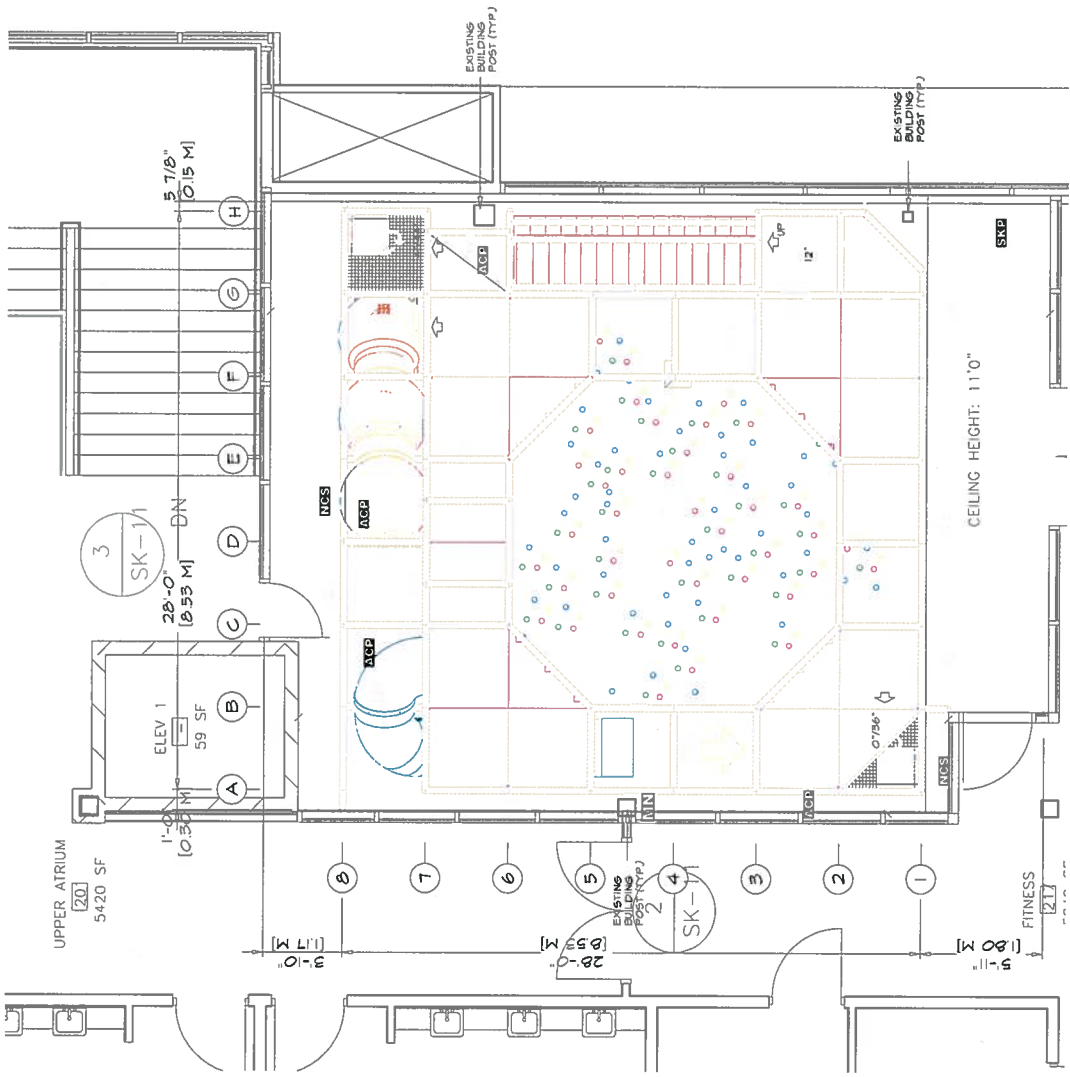
REV	DATE	REVISION
1		APPROVAL DESIGN CHANGES
0		MARKETING PRELIM PLAN

CITY OF WINDSOR  
SITE PLAN  
CAPACITY: 160 KIDS  
CEILING HEIGHT: 19'-4" (5.9 M)  
PLAYGROUND DIMENSIONS: 19'-4" (5.9 M) x 28' (8.5 M)  
HEIGHT: 19'-4" (5.9 M)  
LOCATION: CANADA  
STYLE: REC  
THEME: CLASSICAL  
FOAM: TUFF

SCALE: N T S  
DATE: MAR/15/2012  
DRAWN BY: ACCT EXEC  
JH: NJUBA  
REVISED BY: 1  
REV: 1  
SENIOR DESIGNER:

PP 21000  
PROJECT NUMBER  
DRAWING NUMBER  
1 of 7

CLIENT TO VERIFY CEILING HEIGHT AND ALL RELEVANT DIMENSIONS. ACTUAL COLOURS AND ACTIVITIES MAY VARY FROM DRAWINGS SHOWN.



**SITE PLAN**



ALL IDEAS, INTELLECTUAL PROPERTY, DESIGN, CONSTRUCTION AND INSTALLATION OF PRIME PLAY EQUIPMENT ARE OWNED BY PRIME PLAY INC. AND ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. PRIME PLAY INC. IS NOT RESPONSIBLE FOR ANY DAMAGE TO PERSONS OR PROPERTY CAUSED BY THE USE OF PRIME PLAY EQUIPMENT. PRIME PLAY INC. IS NOT RESPONSIBLE FOR ANY DAMAGE TO PERSONS OR PROPERTY CAUSED BY THE USE OF PRIME PLAY EQUIPMENT. PRIME PLAY INC. IS NOT RESPONSIBLE FOR ANY DAMAGE TO PERSONS OR PROPERTY CAUSED BY THE USE OF PRIME PLAY EQUIPMENT.

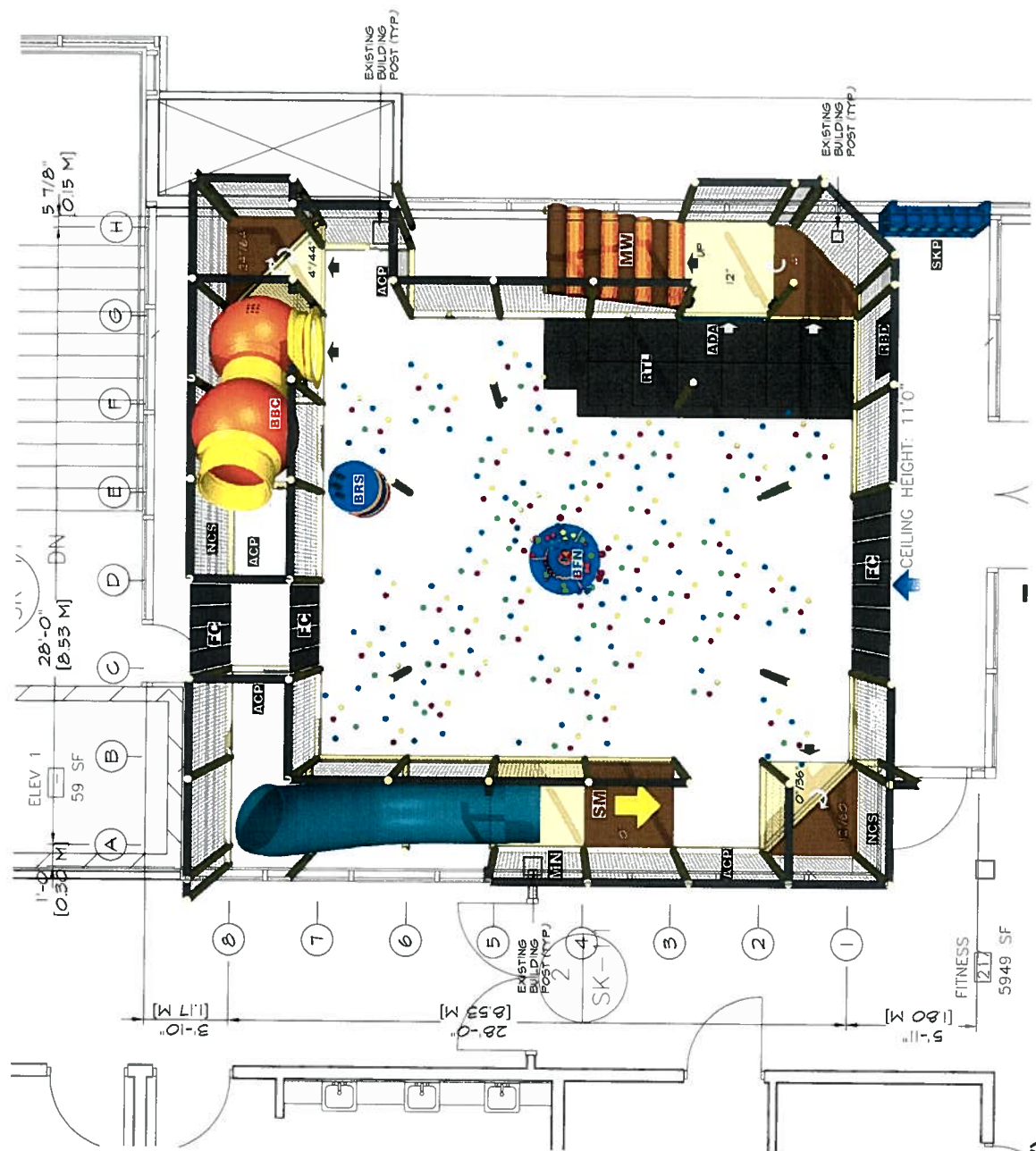
Order to verify dimensions prior to fabrication of equipment. Please sign and return to Prime Play upon approval.  
 Date: \_\_\_\_\_  
 Signature: \_\_\_\_\_

REV	DATE	REVISION
1	18/07/2011	DESIGN CHANGES
0	18/05/2011	PRELIM ISSUE

**CITY OF WINDSOR  
FIRST LEVEL PLAN**  
 CAPACITY: 160 KIDS  
 CEILING HEIGHT: 19'-4" (5.9 M)  
 PLAYGROUND DIMENSIONS: 28' x 28' (8.5 M x 8.5 M)  
 LOCATION: CANADA  
 HEIGHT: 19'-4" (5.9 M)  
 STYLE: FEC  
 THEME: CLASSICAL  
 REF. FILE: FEA  
 FEA: TUFF

SCALE: N.T.S.  
 DATE: MAR/15/2012  
 DRAWN BY: J.S.H.  
 ACCT EXEC: N.J.G.  
 REVISED BY: J.S.H.  
 SENIOR DESIGNER: J.S.H.  
 PROJECT NUMBER: PP 21000  
 DRAWING NUMBER: \_\_\_\_\_  
 2 of 7

CLIENT TO VERIFY CEILING HEIGHT AND ALL RELEVANT DIMENSIONS. ACTUAL COLOURS AND ACTIVITIES MAY VARY FROM DRAWINGS SHOWN.



**FIRST LEVEL (7')**  
**FLOOR PLAN**

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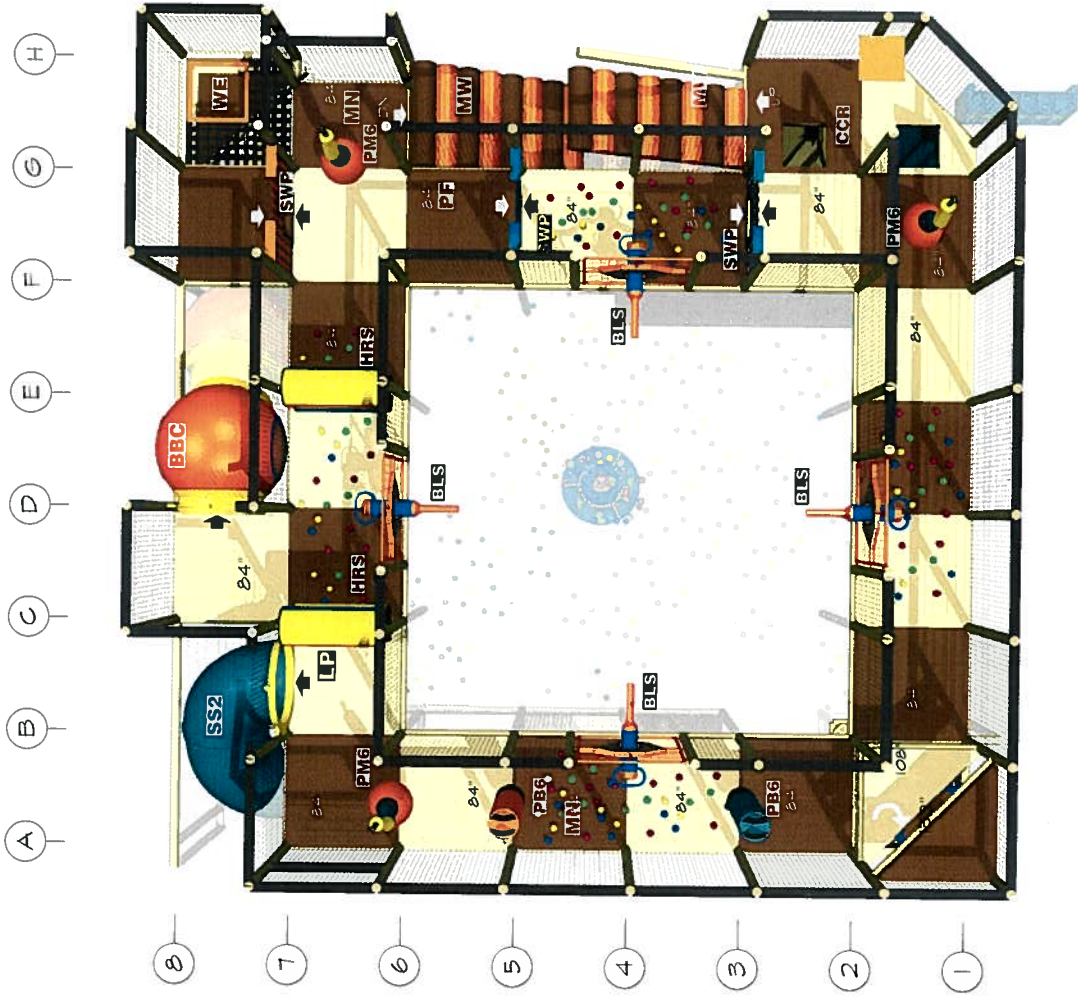
Client to verify dimensions and equipment. Please sign and return to Prime Play upon approval.  
 Date: \_\_\_\_\_  
 Signature: \_\_\_\_\_

REV	DATE	REVISION
1		APPROVAL DESIGN CHANGES
0		MAR/05/2012 PRELIM ISSUE

CITY OF WINDSOR  
 SECOND LEVEL PLAN  
 160 KIDS  
 CAPACITY:  
 CEILING HEIGHT:  
 PLAYGROUND DIMENSIONS:  
 SIZE: 28' x 28' (8.5M x 8.5M)  
 HEIGHT: 19'-4" (5.9 M)  
 LOCATION: CANADA  
 REF. FILE:  
 STYLE: CLASSICAL  
 THEME: CLASSICAL  
 FOAM: TUFF  
 SCALE: N.T.S.

DATE: MAR/05/2012  
 DRAWN BY: J.H.  
 ACCT. EXEC: NJUBA  
 REVISED BY: \_\_\_\_\_  
 REV: 1  
 SENIOR DESIGNER: \_\_\_\_\_  
 PROJECT NUMBER: PP 21000  
 DRAWING NUMBER: \_\_\_\_\_  
 3 of 7

CLIENT TO VERIFY CEILING HEIGHT AND ALL RELEVANT DIMENSIONS. ACTUAL COLOURS AND ACTIVITIES MAY VARY FROM DRAWINGS SHOWN.



**SECOND LEVEL (6') FLOOR PLAN**

CLIENT TO VERIFY CEILING HEIGHT AND ALL RELEVANT DIMENSIONS. ACTUAL COLOURS AND ACTIVITIES MAY VARY FROM DRAWINGS SHOWN.



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Order to verify dimensions of equipment. Please sign and return to Prime Play upon approval.  
 Date: \_\_\_\_\_  
 Signature: \_\_\_\_\_

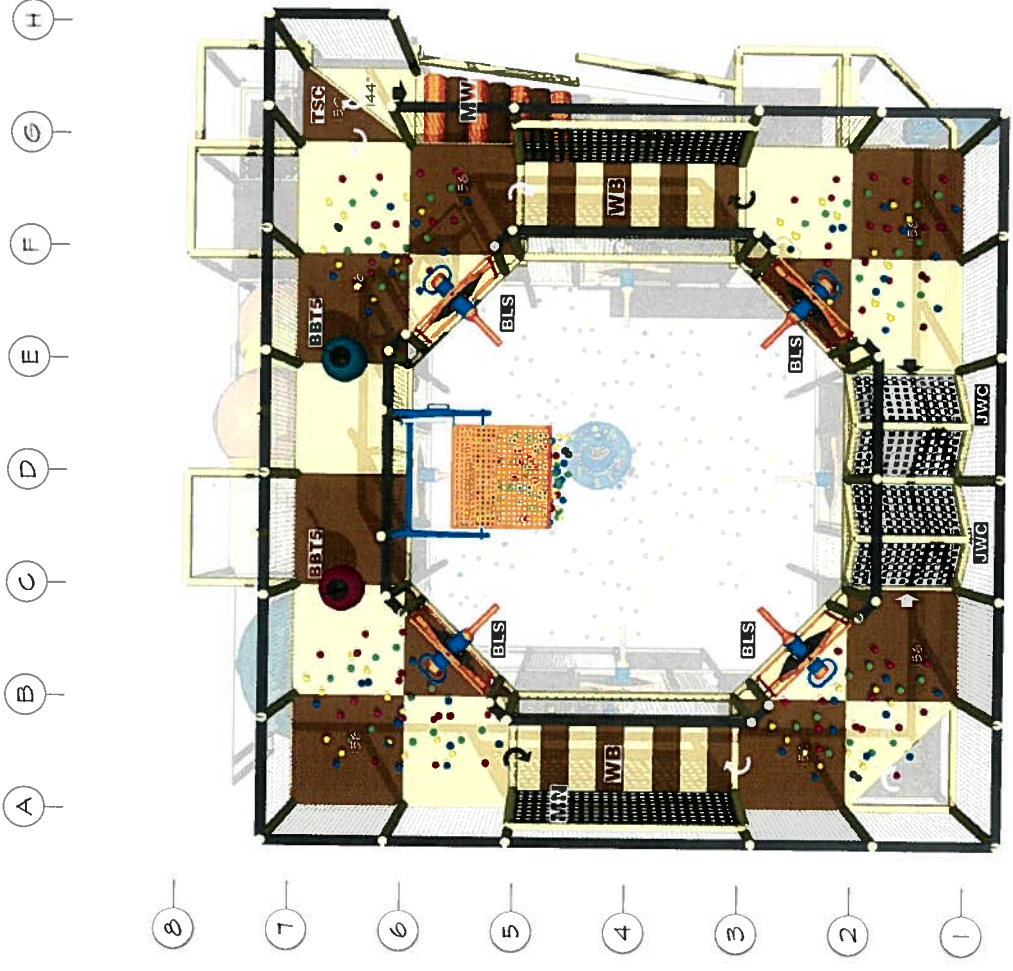
REV.	DATE	REVISION
1	10/27/2011	DESIGN CHANGES
0	10/27/2011	PRELIMINARY

**CITY OF WINDSOR  
 THIRD LEVEL PLAN  
 160 KIDS**

SCALE: N.T.S.  
 DATE: MAR/15/2012  
 DRAWN BY: JH  
 ACCT. EXEC.: NUJDA  
 REVISED BY: REV  
 SENIOR DESIGNER: T

REF. FILE:  
 LOCATION: CANADA  
 HEIGHT: 19'-4" (5.9 M)  
 SIZE: 28' x 28' (8.5M x 8.5M)  
 PLAYGROUND DIMENSIONS:  
 9'-4" (2.8 M)  
 CEILING HEIGHT:  
 CAPACITY: 160 KIDS  
 THEME: CLASSICAL  
 STYLE: FEC  
 FOAM: TUFF

PROJECT NUMBER: PP 21000  
 DRAWING NUMBER: 4 of 7



**THIRD LEVEL (5')  
 FLOOR PLAN**

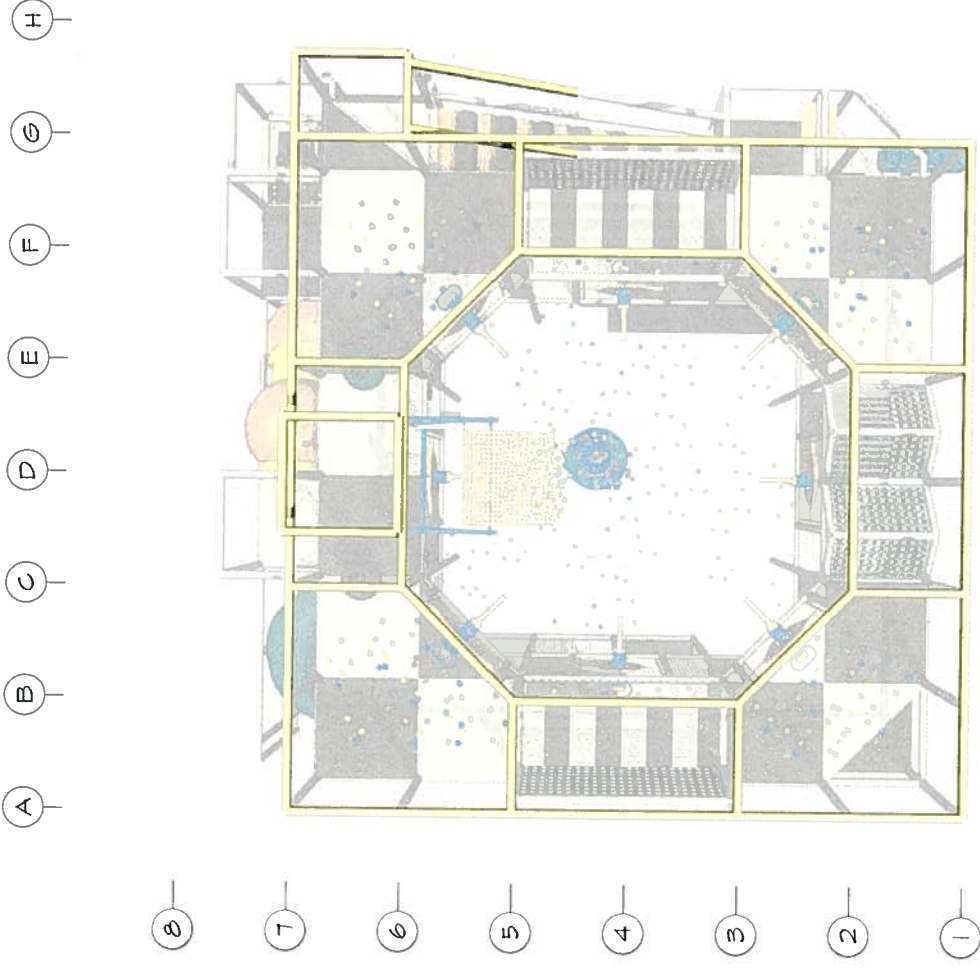


CLIENT TO VERIFY CEILING HEIGHT AND ALL RELEVANT DIMENSIONS. ACTUAL COLOURS AND ACTIVITIES MAY VARY FROM DRAWINGS SHOWN.



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Order to verify dimensions and return to Prime Play upon approval.  
 Date: \_\_\_\_\_  
 Signature: \_\_\_\_\_



REV.	DATE	REVISION
1	10/27/2011	DESIGN CHANGES
2	11/05/2011	PRELIM ISSUE

**CITY OF WINDSOR**  
**TOP LEVEL PLAN**  
**160 KIDS**

SCALE: N.T.S.  
 DATE: MAR/15/2012  
 DRAWN BY: ACCT. EXEC. JH  
 REVISED BY: NJDA  
 SENIOR DESIGNER: 1

PLAYGROUND DIMENSIONS:  
 SIZE: 28' x 28' (8.5M x 8.5M)  
 HEIGHT: 19'-4" (5.9 M)  
 LOCATION: CANADA  
 REF. FILE: STYLE: FEC  
 THEME: CLASSICAL  
 FOAM: TUFF

PROJECT NUMBER: PP 21000  
 DRAWING NUMBER: 5 of 7

**TOP LEVEL FLOOR PLAN**



ALL CEILING, STRUCTURAL, PROPERTY, REGIONAL, AND ENVIRONMENTAL REQUIREMENTS ARE TO BE OBSERVED BY THE CLIENT AND THE CONTRACTOR. PRIME PLAY SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO OR DESTRUCTION OF ANY EXISTING OR NEW CEILING, STRUCTURAL, PROPERTY, REGIONAL, OR ENVIRONMENTAL REQUIREMENTS. PRIME PLAY SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO OR DESTRUCTION OF ANY EXISTING OR NEW CEILING, STRUCTURAL, PROPERTY, REGIONAL, OR ENVIRONMENTAL REQUIREMENTS. PRIME PLAY SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO OR DESTRUCTION OF ANY EXISTING OR NEW CEILING, STRUCTURAL, PROPERTY, REGIONAL, OR ENVIRONMENTAL REQUIREMENTS.

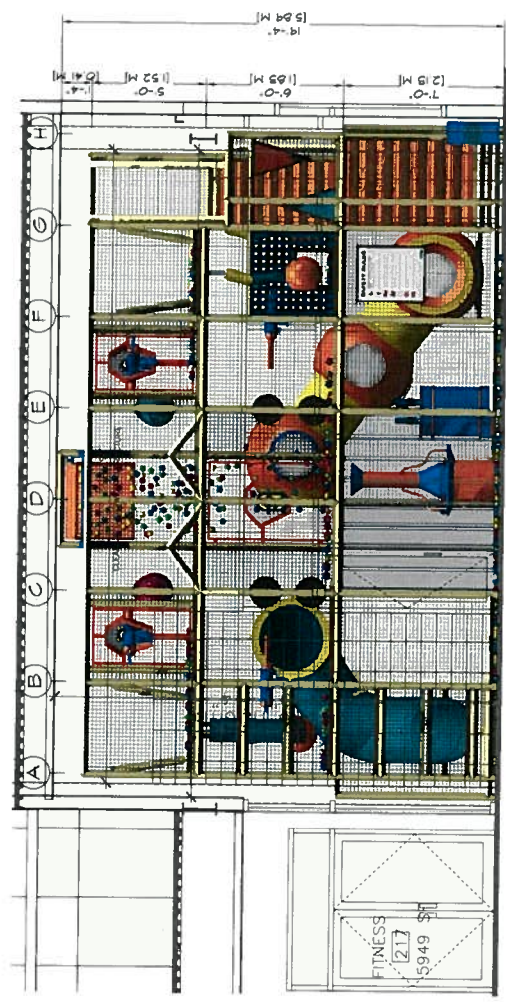
Order to verify dimensions of equipment. Please sign and return to Prime Play upon approval.  
Date \_\_\_\_\_  
Signature \_\_\_\_\_

REV.	DATE	REVISION
1	PAR/24/2012	DESIGN CHANGES
0	PAR/16/2012	PRELIM ISSUE

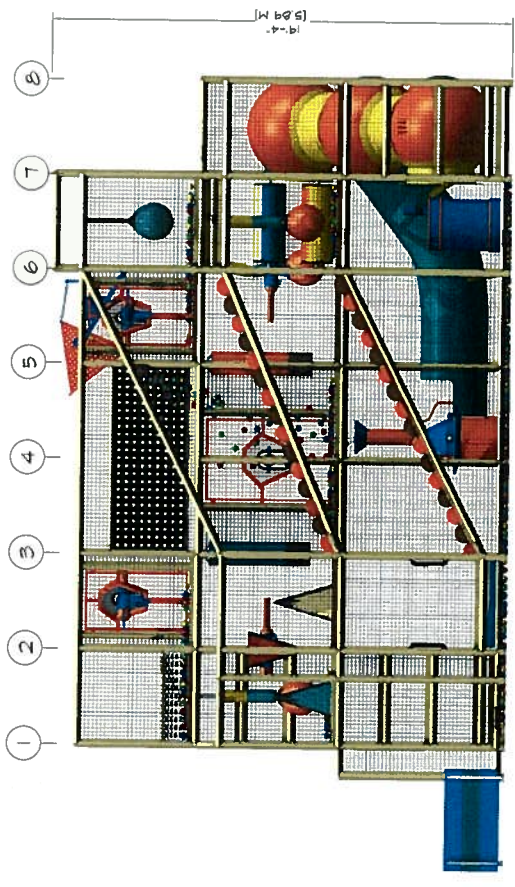
CITY OF WINDSOR  
ELEVATIONS  
160 KIDS  
CAPACITY:  
CEILING HEIGHT: 19'-4" (5.9 M)  
PLATFORM DIMENSIONS: 19'-4" (5.9 M)  
SIZE: 28' x 28' (8.5M x 8.5M)  
HEIGHT: 19'-4" (5.9 M)  
LOCATION: CANADA  
REF. FILE:  
FOAM: TUFF

SCALE: N.T.S.  
DATE: MAR/15/2012  
DRAWN BY: JH  
ACT. EXEC.: NJBA  
REVISED BY: TREV  
SENIOR DESIGNER:  
PROJECT NUMBER: PP 21000  
DRAWING NUMBER:  
6 of 7

CLIENT TO VERIFY CEILING HEIGHT AND ALL RELEVANT DIMENSIONS. ACTUAL COLOURS AND ACTIVITIES MAY VARY FROM DRAWINGS SHOWN.



FRONT ELEVATION



SIDE ELEVATION

R:\PPR\_Proposals\18761 (21000) - City of Windsor\R1102 - design - B - Structure\21000\_61.dwg

CLIENT TO VERIFY CEILING HEIGHT AND ALL RELEVANT DIMENSIONS. ACTUAL COLOURS AND ACTIVITIES MAY VARY FROM DRAWINGS SHOWN.



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Order to verify dimensions and equipment. Please sign and return to Prime Play upon approval.  
Date: \_\_\_\_\_  
Signature: \_\_\_\_\_

NO - CLIMB NETTING TO BE USED THROUGHOUT FIRST LEVEL OF PLAY SYSTEM  
HEAVY DUTY NETTING TO BE USED THROUGHOUT SECOND AND THIRD LEVELS OF PLAY SYSTEM  
TUFT PAD PIPE COVERS TO BE USED THROUGHOUT THE ENTIRE PLAY SYSTEM

**ACTIVITY LIST**

- (ACP) Access Panel
  - Zippered access for safety and maintenance - only accessible to staff.
- (ADA) ADA Entrance
  - An elevated entrance to the play unit with a handgrip on each side to assist entry and exit. Meets ADA standards for a wheelchair dismount access point.
- (BBC) Bubble Climb
- (BBT5) Bumper Blast At 5FL Level
  - Hanging boat buoys that children will dodge, push, and swing on and around.
- (BFN) Ball Fountain - Interactive Ball Play
  - In the center court of the exciting Interactive Ball Play arena, sits this air pressure ball fountain. Children load the fountain tray with as many foam balls as they can and hit the back-tilt button to jettison the balls high in the air creating a cascading fountain of balls on top of themselves. It's an explosive event.
- (BLS) Ball Blaster - Interactive Ball Play
  - Patented and trademarked Pneumatic Blasters that fling the balls from one side to the other (these balls are specially fabricated soft foam made just the right size and density for play, yet they don't hurt or sting). (BALLS INCLUDED) The blasters are single shot devices. In other words, they are activated for only a split second when the button is pressed and exhaust a single burst of air. They may, however, exhaust up to 5 balls in a single shot. Participants feed balls into a loading tube at the top of the blaster, and then press a momentary pushbutton, which blasts as many balls that happen to be inside the chamber.
- (BRS) Ball Return System
  - A colorful or themed vacuum system that conceals a powerful blower that moves the foam balls around the play area and delivers them to the Ball Blasters or Tipping Buckets. Children feed the balls into the vacuum openings and the blower shoots them through.
- (CCR) Cave Crawl
  - A series of hanging and floor-based vinyl covered foam 'stalagmites and stalactites' that kids can twist and crawl their way through. Encourages dexterity and pretend play among the treasures of the 'cave'. The pyramids feature a solid structure that won't crush as easy as some other play companies'. Themed cave 'stalags' are available.
- (FC) Freezer Curtains
  - These hanging clear freezer curtain strips are used to keep the balls inside and not all over the floor where they're not suppose to be.
- (HRS) Horizontal Roller Squeeze
  - A pair of vinyl covered foam rollers that kids have to squeeze through to get to the other side.
- (JWC) Jagged Web Crawl
  - A series of up and down zigzag web platforms that kids crawl on.
- (LP) Launch Pad
  - A large area for kids to rest on while waiting for their turn to launch down a slide.
- (MN) Metal netting
- (MW) Moonwalk
  - A series of colorful vinyl covered foam humps for kids and parents to climb up to different levels of the play system. Soft and spacious, this is the most comfortable climb available. Adults prefer it to other lighter 'kid-sized' climbs.

- (NCS) No Climb Sign
  - Signs posted for your benefit to further dissuade children from climbing up the outside of your structure. This, combined with no-climb netting on the first level, prevents any kids from climbing on the outside where they're not supposed to.
- (PB6) Punch Bag At 6FL Level
  - Vinyl covered foam punching bag that children can run and push their way through. The bag swings around and bump the children in return.
- (PF) Padded Floor
  - Vinyl covered foam pads with a plywood base. These are very necessary for any playground to provide a comfortable surface to walk on and a safe surface to fall on. Every pad is covered with mesh on the underside to prevent staples from popping out, reducing the chance of potential injury.
- (RBD) Rule Board
  - A large and visible 3' x 4' sign outlining the rules that children should read and follow when playing in the play system.
- (RTL) Rubber Tile
  - 2' x 2' x 2 1/2" thick rubber safety surface tiles. At the entrance of the play unit or where needed, we place rubber tiles to maximize the durability and safety requirements for fall height. The tiles will have a wedge around the perimeter to provide a transition from the tile surface to the floor surface. We also take into consideration wheelchair access points and provide ramps for that.
- (SKP) Shoe Keepers
  - A stack of molded plastic 'shelves' that have shaped shoe containers. Each row keeps a dozen shoes.
- (SM) Slide Mat
  - An extra thick vinyl covered foam pad that kids will land on at the end of a slide. It's great for soft landings.
- (SS2) 2 Level Spiral Slide
  - A plastic tube spiral slide from the 2nd level to the bottom. Kids scream and yell as they twist and turn discovering what lies beyond the next corner.
- (SWP) Spider Web Panel
  - A seaibell webbed access panel has an 18" x 18" hole cut in the corner so kids must twist and crawl through this area. It resembles a spider web.
- (WB) Web Bridge
- (WE) Web Elevator
  - This is a series of web platforms with 18" square holes that children can climb through to reach different levels of the play system.

**CITY OF WINDSOR**  
ACTIVITY LIST  
CAPACITY: 160 KIDS

SCALE: N.T.S.  
DATE: MAR/05/2012  
DRAWN BY: J-J  
ACT. EXEC: NJUBA  
REVISED BY: J-J  
REV: 1  
SECTOR DESIGNER: J-J  
REV: 1  
PROJECT NUMBER: PP 21000  
DRAWING NUMBER: 7 of 7

REF. FILE:  
LOCATION: CANADA  
HEIGHT: 19'-4" (5.9 M)  
STYLE: CLASSICAL  
THEME: CLASSICAL  
FOAM: TUFF

REV	DATE	REVISION
0	MAR/05/2012	PRELIM ISSUE
1	MAR/05/2012	DESIGN CHANGES

PLATFORM DIMENSIONS: 19'-4" (5.9 M)  
SIZE: 28' x 28' (8.5M x 8.5M)  
INDOOR