

Luhrs Marriott

ENTER SCHOOL NAME

2018 ASC COMPETITION

PARAMETER / ITEM OF WORK	Part B						Subtotal
	QUANTITY	UNIT		LABOR PRODUCTION		Cost	
				WH/UNIT	Work Hours	Crew Cost	
Basement							
Foundation Walls (Exterior & Interior Walls)							
Form Foundation Walls	19,402	sf		0.173	3,357	\$ 46.24	\$ 155,207
Columns							
Form interior columns	2,885	sf		0.173	499	\$ 46.24	\$ 23,079
Total for Basement	22,287	sf			3,856		\$ 178,285
Level 1							
Elevated Slab Deck							
Form Elevated Deck	12,104	sf		0.115	1,396	\$ 44.14	\$ 61,601
Walls and Columns							
Form walls	6,337	sf		0.173	1,096	\$ 46.24	\$ 50,693
Form interior columns	2,715	sf		0.173	470	\$ 46.24	\$ 21,719
Total for Level 1	21,156	sf			2,962		\$ 134,013
Level 2							
Walls and Columns							
Form walls	5,283	sf		0.147	777	\$ 46.24	\$ 35,910
Form interior columns	2,216	sf		0.147	326	\$ 46.24	\$ 15,063
Elevated Slab Deck							
Form Elevated Deck	8,356	sf		0.115	963	\$ 44.14	\$ 42,527
Total for Level 2	15,855	sf			2,066		\$ 93,499
Level 3							
Walls, Columns, and Beams							
Form walls	6,661	sf		0.173	1,152	\$ 46.24	\$ 53,285
Form interior columns	2,839	sf		0.173	491	\$ 46.24	\$ 22,711
Form interior beams	209	sf		0.232	48	\$ 34.83	\$ 1,689
Elevated Slab Deck							
Form Elevated Deck	11,701	sf		0.115	1,349	\$ 44.14	\$ 59,550
Form High Bay Shoring in Lobby	3,519	sf		0.164	577	\$ 44.14	\$ 25,474
Total for Level 3	24,929	sf			3,618		\$ 162,709

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			WH/UNIT	Work Hours	Crew Cost	Subtotal
Level 4						
Walls, Columns, and Beams						
Form walls	5,590	sf	0.147	822	\$ 46.24	\$ 37,997
Form interior columns	2,376	sf	0.147	349	\$ 46.24	\$ 16,150
Form interior beams	2,402	sf	0.232	557	\$ 34.83	\$ 19,410
Elevated Slab Deck						
Form Elevated Deck	13,311	sf	0.115	1,535	\$ 44.14	\$ 67,744
Total for Level 4	23,679	sf		3,263		\$ 141,301
Level 5						
Walls, Columns, and Beams						
Form walls	3,828	sf	0.147	563	\$ 46.24	\$ 26,020
Form interior columns	1,158	sf	0.147	170	\$ 46.24	\$ 7,871
Form interior beams	1,636	sf	0.232	380	\$ 34.83	\$ 13,220
Elevated Slab Deck						
Form Elevated Deck	12,221	sf	0.115	1,409	\$ 44.14	\$ 62,197
Total for Level 5	18,843	sf		2,522		\$ 109,308
Level 6						
Walls, Columns, and Beams						
Form walls	3,546	sf	0.147	521	\$ 46.24	\$ 24,103
Form interior columns	1,158	sf	0.147	170	\$ 46.24	\$ 7,871
Form interior beams	-	sf	0.232	-	\$ 34.83	\$ -
Elevated Slab Deck						
Form Elevated Deck	11,415	sf	0.115	1,316	\$ 44.14	\$ 58,095
Total for Level 6	16,119	sf		2,008		\$ 90,069
Level 7						
Walls, Columns, and Beams						
Form walls	3,546	sf	0.147	521	\$ 46.24	\$ 24,103
Form interior columns	1,158	sf	0.147	170	\$ 46.24	\$ 7,871
Form interior beams	-	sf	0.232	-	\$ 34.83	\$ -
Elevated Slab Deck						
Form Elevated Deck	11,415	sf	0.115	1,316	\$ 44.14	\$ 58,095
Total for Level 7	16,119	sf		2,008		\$ 90,069
Level 8						
Walls, Columns, and Beams						
Form walls	3,546	sf	0.147	521	\$ 46.24	\$ 24,103
Form interior columns	1,158	sf	0.147	170	\$ 46.24	\$ 7,871
Form interior beams	-	sf	0.232	-	\$ 34.83	\$ -
Elevated Slab Deck						
Form Elevated Deck	11,415	sf	0.115	1,316	\$ 44.14	\$ 58,095
Total for Level 8	16,119	sf		2,008		\$ 90,069
Level 9						
Walls, Columns, and Beams						
Form walls	3,546	sf	0.147	521	\$ 46.24	\$ 24,103
Form interior columns	1,158	sf	0.147	170	\$ 46.24	\$ 7,871
Form interior beams	-	sf	0.232	-	\$ 34.83	\$ -

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Elevated Slab Deck							
Form Elevated Deck	11,415	sf		0.115	1,316	\$ 44.14	\$ 58,095
Total for Level 9	16,119	sf			2,008		\$ 90,069
Level 10							
Walls, Columns, and Beams							
Form walls	3,558	sf		0.147	523	\$ 46.24	\$ 24,185
Form interior columns	870	sf		0.147	128	\$ 46.24	\$ 5,914
Form interior beams	2,241	sf		0.232	520	\$ 34.83	\$ 18,109
Elevated Slab Deck							
Form Elevated Deck	11,401	sf		0.115	1,315	\$ 44.14	\$ 58,024
Total for Level 10	18,070	sf			2,485		\$ 106,230
Level 11							
Walls, Columns, and Beams							
Form walls	3,588	sf		0.147	527	\$ 46.24	\$ 24,389
Form interior columns	870	sf		0.147	128	\$ 46.24	\$ 5,914
Form interior beams	-	sf		0.232	-	\$ 34.83	\$ -
Elevated Slab Deck							
Form Elevated Deck	11,341	sf		0.115	1,308	\$ 44.14	\$ 57,718
Total for Level 11	15,799	sf			1,963		\$ 88,021
Level 12							
Walls, Columns, and Beams							
Form walls	3,588	sf		0.147	527	\$ 46.24	\$ 24,389
Form interior columns	870	sf		0.147	128	\$ 46.24	\$ 5,914
Form interior beams	-	sf		0.232	-	\$ 34.83	\$ -
Elevated Slab Deck							
Form Elevated Deck	11,341	sf		0.115	1,308	\$ 44.14	\$ 57,718
Total for Level 12	15,799	sf			1,963		\$ 88,021
Level 13							
Walls, Columns, and Beams							
Form walls	3,588	sf		0.147	527	\$ 46.24	\$ 24,389
Form interior columns	870	sf		0.147	128	\$ 46.24	\$ 5,914
Form interior beams	-	sf		0.232	-	\$ 34.83	\$ -
Elevated Slab Deck							
Form Elevated Deck	11,341	sf		0.115	1,308	\$ 44.14	\$ 57,718
Total for Level 13	15,799	sf			1,963		\$ 88,021
Level 14							
Walls, Columns, and Beams							
Form walls	3,588	sf		0.147	527	\$ 46.24	\$ 24,389
Form interior columns	870	sf		0.147	128	\$ 46.24	\$ 5,914
Form interior beams	-	sf		0.232	-	\$ 34.83	\$ -
Elevated Slab Deck							
Form Elevated Deck	11,341	sf		0.115	1,308	\$ 44.14	\$ 57,718
Total for Level 14	15,799	sf			1,963		\$ 88,021
Level 15							
Walls, Columns, and Beams							
Form walls	3,588	sf		0.147	527	\$ 46.24	\$ 24,389
Form interior columns	870	sf		0.147	128	\$ 46.24	\$ 5,914
Form interior beams	-	sf		0.232	-	\$ 34.83	\$ -
Elevated Slab Deck							
Form Elevated Deck	11,341	sf		0.115	1,308	\$ 44.14	\$ 57,718
Total for Level 15	15,799	sf			1,963		\$ 88,021

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	QUANTITY	UNIT		LABOR PRODUCTION		Cost	
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Level 16							
Walls, Columns, and Beams							
Form walls	3,588	sf		0.147	527	\$ 46.24	\$ 24,389
Form interior columns	870	sf		0.147	128	\$ 46.24	\$ 5,914
Form interior beams	-	sf		0.232	-	\$ 34.83	\$ -
Elevated Slab Deck							
Form Elevated Deck	11,341	sf		0.115	1,308	\$ 44.14	\$ 57,718
Total for Level 16	15,799	sf			1,963		\$ 88,021
Level 17							
Walls, Columns, and Beams							
Form walls	3,588	sf		0.147	527	\$ 46.24	\$ 24,389
Form interior columns	870	sf		0.147	128	\$ 46.24	\$ 5,914
Form interior beams	-	sf		0.232	-	\$ 34.83	\$ -
Elevated Slab Deck							
Form Elevated Deck	11,341	sf		0.115	1,308	\$ 44.14	\$ 57,718
Total for Level 17	15,799	sf			1,963		\$ 88,021
Level 18							
Walls, Columns, and Beams							
Form walls	3,588	sf		0.147	527	\$ 46.24	\$ 24,389
Form interior columns	870	sf		0.147	128	\$ 46.24	\$ 5,914
Form interior beams	-	sf		0.232	-	\$ 34.83	\$ -
Elevated Slab Deck							
Form Elevated Deck	11,341	sf		0.115	1,308	\$ 44.14	\$ 57,718
Total for Level 18	15,799	sf			1,963		\$ 88,021
Level 19							
Walls, Columns, and Beams							
Form walls	3,588	sf		0.147	527	\$ 46.24	\$ 24,389
Form interior columns	870	sf		0.147	128	\$ 46.24	\$ 5,914
Form interior beams	-	sf		0.232	-	\$ 34.83	\$ -
Elevated Slab Deck							
Form Elevated Deck	11,265	sf		0.115	1,299	\$ 44.14	\$ 57,331
Total for Level 19	15,723	sf			1,954		\$ 87,634
Low Roof							
Elevated Slab Deck							
Form Elevated Deck	272	sf		0.115	31	\$ 44.14	\$ 1,384
Total for Low Roof	272	cy			31		\$ 1,384
FORMWORK TOTAL (USE FOR PART B)	351,682	sf			46,491	wh	\$ 2,078,805