

Gem of the Ocean

Budget & Labor Estimation Totals

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Current as of 06/29/2019

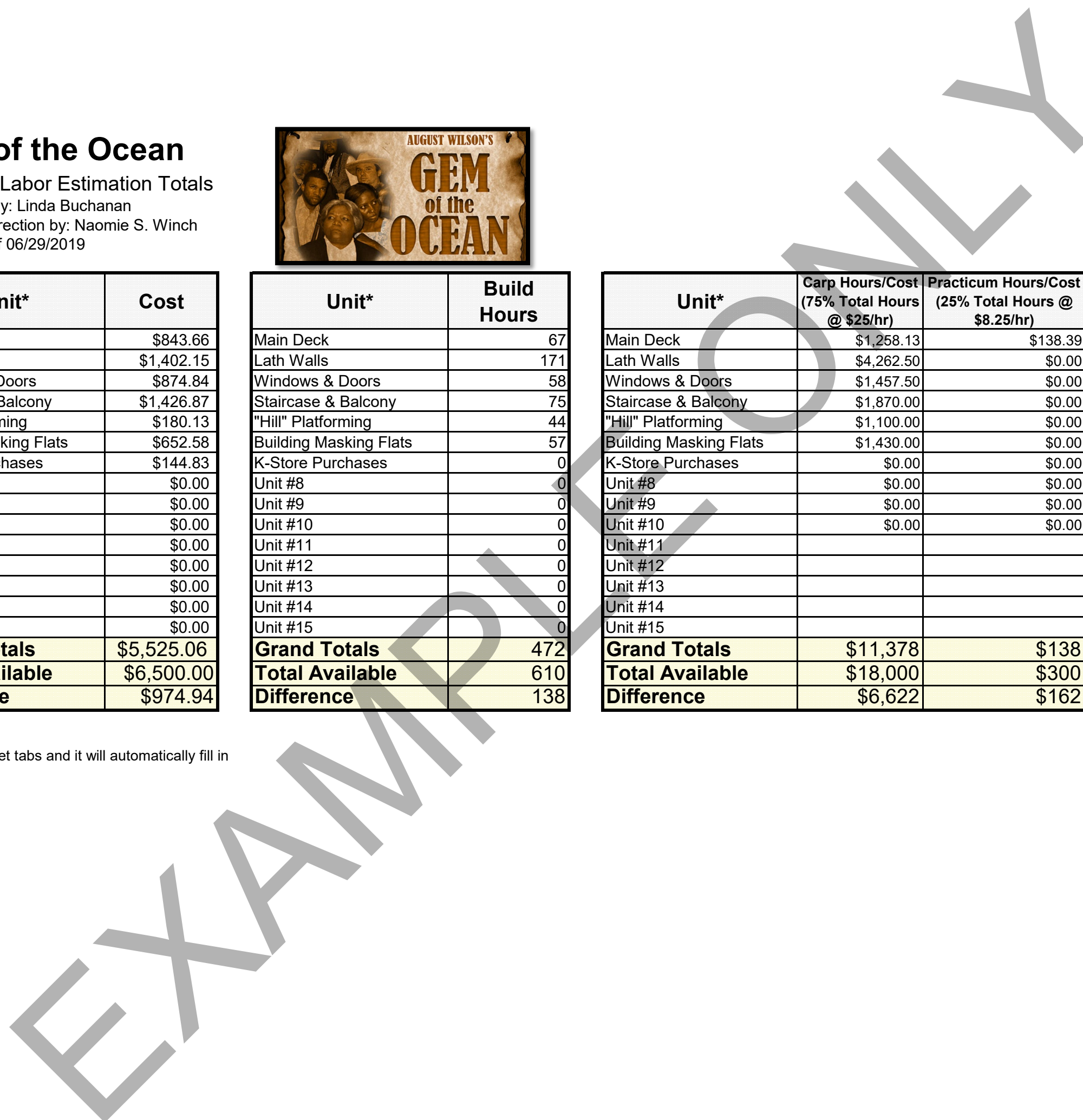


Unit*	Cost
Main Deck	\$843.66
Lath Walls	\$1,402.15
Windows & Doors	\$874.84
Staircase & Balcony	\$1,426.87
"Hill" Platforming	\$180.13
Building Masking Flats	\$652.58
K-Store Purchases	\$144.83
Unit #8	\$0.00
Unit #9	\$0.00
Unit #10	\$0.00
Unit #11	\$0.00
Unit #12	\$0.00
Unit #13	\$0.00
Unit #14	\$0.00
Unit #15	\$0.00
Grand Totals	\$5,525.06
Total Available	\$6,500.00
Difference	\$974.94

Unit*	Build Hours
Main Deck	67
Lath Walls	171
Windows & Doors	58
Staircase & Balcony	75
"Hill" Platforming	44
Building Masking Flats	57
K-Store Purchases	0
Unit #8	0
Unit #9	0
Unit #10	0
Unit #11	0
Unit #12	0
Unit #13	0
Unit #14	0
Unit #15	0
Grand Totals	472
Total Available	610
Difference	138

Unit*	Carp Hours/Cost (75% Total Hours @ \$25/hr)	Practicum Hours/Cost (25% Total Hours @ \$8.25/hr)	Build Labor Total Cost
Main Deck	\$1,258.13	\$138.39	\$1,396.52
Lath Walls	\$4,262.50	\$0.00	\$4,262.50
Windows & Doors	\$1,457.50	\$0.00	\$1,457.50
Staircase & Balcony	\$1,870.00	\$0.00	\$1,870.00
"Hill" Platforming	\$1,100.00	\$0.00	\$1,100.00
Building Masking Flats	\$1,430.00	\$0.00	\$1,430.00
K-Store Purchases	\$0.00	\$0.00	\$0.00
Unit #8	\$0.00	\$0.00	\$0.00
Unit #9	\$0.00	\$0.00	\$0.00
Unit #10	\$0.00	\$0.00	\$0.00
Unit #11			
Unit #12			
Unit #13			
Unit #14			
Unit #15			
Grand Totals	\$11,378	\$138	\$11,517
Total Available	\$18,000	\$300	\$18,000
Difference	\$6,622	\$162	\$6,483

*Rename sheet tabs and it will automatically fill in



Gem of the Ocean

Pass 3/Version 1

Lath Walls

UNIT BUDGET							
Item Code	Material	Sale Unit	Unit Cost	Quantity	Cost	Purpose	Notes
PLY-Wood 1/2	Plywood BC 1/2x4'x8'	32 SqFt	\$21.75	7	\$152.25	SR Lath Wall	Slats
PLY-Wood 1/2	Plywood BC 1/2x4'x8'	32 SqFt	\$21.75	8	\$174.00	SL Lath Wall	Slats
PLY-Wood 1/2	Plywood BC 1/2x4'x8'	32 SqFt	\$21.75	9	\$195.75	CS Lath Wall	Slats
STE-1" Box	1x1 15g box	24 Ft.	\$19.88	5	\$99.40	SR Triangular Brace	
STE-1" Box	1x1 15g box	24 Ft.	\$19.88	5	\$99.40	SL Triangular Brace	
GAC-1/8" 7/19	1/8" x 1000' Spool of 7/19 GAC - Black (with shipping)	1000 FT	\$252.81	1	\$252.81	GAC for Walls	If walls tie directly to battens and not to grid
STE-2x2 L	2x2 1/8" Angle Iron	20 Ft.	\$23.86	2	\$47.72	Tie into Floor	
PLY-Wood 3/4	Plywood BC 3/4"x4'x8'	32 SqFt	\$29.78	4	\$119.12	Back Brackets	
PLY-Wood 1/4	Plywood BC 1/4x4'x8'	32 SqFt	\$16.73	4	\$66.92	Back Brackets	
FAS-NC Staples	1/4" W 5/8" Leg Narrow Crown	/ 5000	\$17.51	3	\$52.53	Scab Staples	
PLY-Wood 1/2	Plywood BC 1/2x4'x8'	32 SqFt	\$21.75	2	\$43.50	Mistake	Accidentally Bought Plywood
FAS-Screws	Wood Screws #8 x 1.25"	/ 7500	\$98.75	1	\$98.75	Scab Screws	
Sub Total					\$1,402.15		
Hardware 5%							
Contingency 10%							
Grand Totals					\$1,402.15		

LABOR ESTIMATION			
Process	Carps	Hours	Build Hours
Cut "slats" on CNC (whole process - 1 hour per sheet)	1	32	32
Cut connection point scabs on CNC (3/4" ply only)	1	5	5
Rip down connection point scabs (1/4" ply)	1	4	4
Cut cable lengths	1	4	4
Prep, cut & drill steel for triangular braces	1	2	2
Weld together triangular braces	1	2	2
Staple on 1/4" ply scabs @ connection points	2	16	32
Assemble "slats" onto cable	3	24	72
Prep, cut & drill angle iron for base securement	1	2	2
			0
			0
			0
			0
			0
			0
Contingency 10%			16
Total Build Hours			171

GENERAL "HOW IT IS MADE"	
Use Work Breakdown Structure as Reference	
1	Slats are made from 1/2" plywood cut on the CNC
2	DS of Pro slats are attached to cables that run to a steel bracket
3	Above steel bracket is made of 1x1 steel
4	US of Pro slats are attached to cables that run directly to the battens @
5	approximately a 35' trim
6	Cable attachment to slats - 1/4" ply scab to the back and a 3/4" ply scab that
7	sandwiches the cable
8	Cable attachment to floor - thimble ends that attach the Angle Iron with bolts
9	1/8" 7/19 Black GAC is used as the cable for all attachment
10	
11	
12	
13	
14	
15	