

The Pennsylvania Shakespeare Festival  
 Summer 2016  
 West Side Story  
 Version 3.3- **Final**  
 4/19/2016

**Budget Overview**

	Budget Goals	Cost Est.	Build Est. Hrs.	Load In. Est. Hrs.
West Side Story	\$13,500.00	\$12,950.50	444	236
Contengency at 10%		\$1,295.05		
<b>Total:</b>	\$13,500.00	\$14,245.55	444	236
<b>Difference:</b>		-\$745.55		

**Available Labor Hours**

Title Hrs./Week	Build 2 May 16-21	Build 3 May 23-28	Build 4 May 30-June 4	Build 5 June 6-11	Build 6 June 13-18
TBD- Shop Foreman	Mermaid	Mermaid	46	52	20
TBD- Carpenter	48	48	46	52	20
TBD-Carpenter	Mermaid	Mermaid	46	52	20
TBD-Deck Chief	Mermaid	Mermaid	30	42	12
TBD- Carp/Run Staff	Mermaid	48	46	52	20
TBD-Carp Intern	Mermaid	Mermaid	30	38	Caesar
TBD- Carp Intern	21	48	46	38	0
Overhire 1	---	---	---	---	---
Overhire 2	---	---	---	---	---
Overhire 3	---	---	---	---	---
<b>Total:</b>	69	144	290	326	92
	Schubert WSS Build	Schubert Install WSS Build	Schubert Notes WSS Build	WSS Install Caesar Build	Caesar Build WSS Notes

Available Build Hrs.:	503
Available Load In Hrs.:	326

Estimated Build Hrs.:	444
Estimated Load In Hrs.:	236

Build Hours Needed:	-59
Load In Hours Needed:	-90

Hours Need: -149

### **Changes Since Version 3.2:**

-Swapped 120' Rosebrand RP Screen for a Screen previously used by the Oscars.

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**West Side Story**

	Cost Est.	Build Est. Hrs.	Load In Est. Hrs.
1. Chain Link RP	\$ 2,016.00	70	54
2. Chain Link Legs	\$ 882.00	41	30
3. Chain Link Curtain- CUT	\$ -	0	0
4. Wagon 1	\$ 2,614.00	86	39
5. Wagon 2	\$ 2,614.00	86	39
6. Wall And Fence Unit	\$ 640.50	47	6
7. Bedroom Unit	\$ 885.00	31	3
8. Cellar Stair	\$ 417.00	19	0
9. Junk Yard Fence	\$ 369.00	9	10
10. Doc's Unit	\$ 1,107.00	36	16
11. Bridal Shop Wall	\$ 506.00	12	7
12. Bridal Shop Wagon/Steps- CUT	\$ -	0	0
13. Scenery: Miscellaneous	\$900.00	3	14
14. Soft Goods	\$0.00	4	18
<b>Total:</b>	\$12,950.50	444	236

**Available Labor Hours**

Title	Build 2 May 16-21	Build 3 May 23-28	Build 4 May 30-June 4	Build 5 June 6-11	Build 6 June 13-18
Hrs./Week					
<b>Total:</b>	69	144	290	326	92
	Schubert WSS Build	Schubert Install WSS Build	Schubert Notes WSS Build	WSS Install Caesar Build	Caesar Build WSS Notes

Available Build Hrs.:	503
Available Load In Hrs.:	326
Estimated Build Hrs.:	444
Estimated Load In Hrs.:	236
Build Hours Needed:	-59
Load In Hours Needed:	-90
<b>Hours Need:</b>	<b>-149</b>

### **Changes Since Version 3.2:**

-Swapped 120' Rosebrand RP Screen for a Screen previously used by the Oscars.

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## 1. Chain Link RP

*The chain link portal/RP Screen flies on lineset 22 with a set of legs and border. The portal is constructed of 2 chain link sections seperated by 3 RP Screen for video projections. The chainlink legs are updated to 4'-0" and still contain a door. All the usual chainlink hardware will be used except posts and rails are pipe steel and tension bars are flat stock steel with same dimension as typical tension bars. RP Panels are constructed of square steel tube with RP stapled on. Black fabric will cover the cracks between panels on the back.*

### Build

Task	Crew #	Hours	Total
Clean Steel- Post and Rp Screen Frame	1	3	3
Cut and grind steel for all chain link frames (posts and rails)	1	4	4
Cut and grind steel for Rp Screens	1	2	2
Drill Holes in Rp screen frames	1	3	3
Weld Rp screen frames	1	2	2
Attache plywood tack strips to Rp Screen frames	2	4	8
Assemble chain link frames	2	4	8
Stretch and install chain link fabric	3	4	12
Fabricate doors	2	6	12
Prep rigging, cable and points	2	8	16
		<b>Total</b>	<b>70</b>

### Load In

Task	Crew #	Hours	Total
Rig and Fly Chain link panels	6	3	18
Stretch and install Rp material on frame	3	4	12
Install Rp panel with chain link panels	6	4	24
		<b>Total</b>	<b>54</b>

### Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Fencing	4'-0" wide fence fabric- Stock	46	ft	\$0.00	\$0.00
Fencing- Tension Bar	1/2" x 3/16" Flat Bar	5	20' Stick	\$13.00	\$65.00
Fencing- Termination Post	2" Schedule 40 Pipe	7	20' Stick	\$46.00	\$322.00
Fencing- Line Post	1-1/4" Schedule 40 Pipe	5	21' Stick	\$30.00	\$150.00
Fencing- Termination Post Cap	Terminal Post Cap	6	ea	\$1.00	\$6.00
Fencing- Rail End	Rail End	16	ea	\$2.00	\$32.00
Fencing- Rail End Band	Rail End Band	16	ea	\$1.00	\$16.00
Fencing- Tension Band	2 3/8" Tension Band	100	ea	\$1.00	\$100.00
Fencing- Ties	Fence Tie	1	50pk	\$5.00	\$5.00
Fencing- Band Bolts/ Nuts	Bolts/Nuts for Bands	1	100pk	\$11.00	\$11.00
Fencing- Gates	Gate Hardware- Set	2	ea	\$17.00	\$34.00
RP Screen- Discuss	RP Screen from Oscars	1	32'x32'	\$1,000.00	\$1,000.00
RP Sren Frame	1.5"x1.5"x16ga 24'	9	24' Stick	\$22.00	\$198.00

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Aaron Mayer- Technical Director

RP Screen Tack Strip	3/4" plywood CDX	1	4x8	\$27.00	\$27.00
Rigging Cable and supply	Rigging Materials	2	ea	\$25.00	\$50.00
	---		--	\$0.00	\$0.00
				<b>Total</b>	\$2,016.00

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## 2. Chain Link Legs

*Two sets of chainlink legs are rigged to fly on lineset 8 and 15. Each is paired with a set of theater legs. The chainlink units are 4'-0" wide each with 4' chainlink fabric used. All the usual chainlink hardware will be used except posts and rails are pipe steel and tension bars are flat stock steel with same dimension as typical tension bars. Track rigging is undecided.*

### Build

Task	Crew #	Hours	Total
Clean Steel for frames	1	2	2
Cut and grind steel for all chain link frames (posts and rails)	1	3	3
Assemble chain link frames	2	4	8
Stretch and install chain link fabric	3	4	12
Prep rigging, cable and points	2	8	16
			0
		<b>Total</b>	<b>41</b>

### Load In

Task	Crew #	Hours	Total
Rig and Fly both sets including softgoods	6	5	30
			0
		<b>Total</b>	<b>30</b>

### Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Fencing	4'-0" wide fence fabric- Stock	96	ft	\$0.00	\$0.00
Fencing- Tension Bar	1/2" x 3/16" Flat Bar	10	20' Stick	\$13.00	\$130.00
Fencing- Termination Post	2" Schedule 40 Pipe	9	20' Stick	\$46.00	\$414.00
Fencing- Line Post	1-1/4" Schedule 40 Pipe	4	21' Stick	\$30.00	\$120.00
Fencing- Termination Post Cap	Terminal Post Cap	8	ea	\$1.00	\$8.00
Fencing- Rail End	Rail End	32	ea	\$2.00	\$64.00
Fencing- Rail End Band	Rail End Band	32	ea	\$1.00	\$32.00
Fencing- Tension Band	2 3/8" Tension Band	48	ea	\$1.00	\$48.00
Fencing- Ties	Fence Tie	1	50pk	\$5.00	\$5.00
Fencing- Band Bolts	Bolts/Nuts for Bands	1	100pk	\$11.00	\$11.00
Rigging Cable and supply	Rigging Materials	2	ea	\$25.00	\$50.00
	---		--	\$0.00	\$0.00
			<b>Total</b>		<b>\$882.00</b>

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### 3. Chain Link Curtain- CUT

*The chain link curtain is rigged to fly on lineset 2. The curtain is reworked back to 6 sections of chainlink and posts each approximately 6'-0" wide using 6' wide chain link fabric. Typical chain link posts and hardware are used.*

#### Build

Task	Crew #	Hours	Total
Clean Steel	0	1	0
Cut and grind steel for all chain link frames (posts and rails)	0	4	0
Prep rigging, cable and fabricate points	0	8	0
			0
			0
<b>Total</b>			<b>0</b>

#### Load In

Task	Crew #	Hours	Total
Assemble chain link frames	0	4	0
Stretch and install chain link	0	6	0
Rig and test	0	2	0
			0
<b>Total</b>			<b>0</b>

#### Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Fencing	6' wide fence fabric	0	50ft roll	\$80.00	\$0.00
Fencing- Tension Bar	Tension Bar	0	12' Stick	\$6.00	\$0.00
Fencing- Termination Post	2- 3/8" Termination Post	0	24' Stick	\$65.00	\$0.00
Fencing- Line Post	1-5/8" Line Post	0	ea	\$56.00	\$0.00
Fencing- Termination Post Cap	Terminal Post Cap	0	ea	\$1.00	\$0.00
Fencing- Rail End	Rail End	0	ea	\$2.00	\$0.00
Fencing- Rail End Band	Rail End Band	0	ea	\$1.00	\$0.00
Fencing- Tension Band	2 3/8" Tension Band	0	ea	\$1.00	\$0.00
Fencing- Ties	Fence Tie	0	50pk	\$5.00	\$0.00
Fencing- Band Bolts	Bolts/Nuts for Bands	0	100pk	\$11.00	\$0.00
Rigging Cable and supply	Rigging Materials	0	ea	\$25.00	\$0.00
	---		--	\$0.00	\$0.00
				<b>Total</b>	<b>\$0.00</b>



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## 4. Wagon 1

*The wagons are three story units on triple swivel casters with brakes. Each has a set of windows, fire escape ladders, balconies, and are painted red.*

### Build

Task	Crew #	Hours	Total
Bottom Wagon (BW)- Fabricate frame and deck	1	2	2
BW- Caster	1	1	1
2nd Story Platform- Clean, Cut, Grind steel	1	3	3
2nd Story P- Drill Holes	1	2	2
2nd Story P- Deck with ply and planks	1	3	3
2nd Story P- Install trap door	1	1	1
3rd Story Platform- Clean, Cut, Grind steel	1	3	3
3rd Story P- Drill Holes	1	2	2
3rd Story P- Deck with ply and planks	1	3	3
3rd Story P- Install trap door	1	1	1
Columns- Clean/cut/grind/drill steel	1	3	3
Columns- Fabricate brackets	1	4	4
Cut Facia board	1	1	1
Windows/Door (ALL)- Clean, Cut, Grind Steel Framing	1	3	3
Fabricate window brackets	1	4	4
Jig and Weld Window frames	1	7	7
Fabricate Windows (sashes) Jig and Flush route	1	7	7
Fabricate Window Trim	1	1	1
Assemble Windows/Door- Sashes and Trim	2	6	12
2nd Story Railing- Clean, cut, grind Steel	1	2	2
2nd Story Railing- Drill Holes	1	1	1
2nd Story Railing- Jig and Weld	1	3	3
3rd Story Railing- Clean, cut, grind Steel	1	2	2
3rd Story Railing- Drill Holes	1	1	1
3rd Story Railing- Jig and Weld	1	2	2
Fabricate Facia Board- All levels	1	1	1
Fire Escape Ladders (2 Total)- Clean, Cut, Grind Steel	1	2	2
FE Ladders- Jig and Weld	1	2	2
Fabricate Sliding ladder mechanism	1	3	3
Fabricate stationary ladder	1	4	4
			0
		<b>Total</b>	<b>86</b>

### Load In

Task	Crew #	Hours	Total
Rig chain hoists to assist with lifting	2	2	4
Install 2nd Story Posts and Platform	6	1	6

Install 2nd Story Railing	2	0.5	1
Install 3rd Story Post and Platform	6	1	6
Install 3rd Story Railing	2	1	2
Install Window/Door frames and Windows	2	6	12
Install and Rig Fire Escape Ladders- Troubleshoot sliding mechanism	2	4	8
			0
		<b>Total</b>	<b>39</b>

## Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Bottom Wagon- Frame	2x6x16	8	ea	\$10.00	\$80.00
Bottom Wagon- Deck	3/4" Plywood CDX	3	4x8	\$27.00	\$81.00
Bottom Wagon- Deck	1/4" MDF	4	4'1x8'1"	\$15.00	\$60.00
Bottom Wagon- Deck	Lexan	6	12x12	\$10.00	\$60.00
Bottom Wagon- Casters	---	6	--	\$0.00	\$0.00
Bottom Wagon- Casters	BMI Triple Swivel Casters	0	ea	\$167.00	\$0.00
Middle Story Platform- Frame	2"x2"x16ga. Box Tube	6	24' Stick	\$32.00	\$192.00
Middle Story Platform- Deck	3/4" Plywood BC	2	4x8	\$36.00	\$72.00
Middle Story Platform- Planks	5/4x6x12	6	ea	\$10.00	\$60.00
Middle Story Trap Door Hinge	Piano hinge	1	pair	\$12.00	\$12.00
Middle Story Platform- Frame	2"x2"x16ga. Box Tube	6	24' Stick	\$32.00	\$192.00
Middle Story Platform- Deck	3/4" Plywood BC	2	4x8	\$36.00	\$72.00
Middle Story Platform- Planks	5/4x6x12	6	ea	\$10.00	\$60.00
Columns- Verticles	2"x2"x16ga. Box Tube	4	24' Stick	\$32.00	\$128.00
Columns- Brackets	2x2x.125 Angle Iron	1	20' Stick	\$17.00	\$17.00
Facia Board	1/2" MDF	1	4'1x8'1"	\$26.00	\$26.00
Top Level Ceiling	1x4x16	2	ea	\$11.00	\$22.00
Top Level Ceiling	Luan	4	4x8	\$14.00	\$56.00
Lower Windows/Door- Frame Steel	2"x2"x16ga. Box Tube	3	24' Stick	\$32.00	\$96.00
Middle Level Windows- Frame Steel	2"x2"x16ga. Box Tube	3	24' Stick	\$32.00	\$96.00
Upper Level Windows- Frame Steel	2"x2"x16ga. Box Tube	3	24' Stick	\$32.00	\$96.00
Window Frame Brackets	2x2x.125 Angle Iron	1	20' Stick	\$17.00	\$17.00
Window Roller Shades- All	28" Roller Shade	11	ea	\$8.00	\$88.00
Lower Windows/Door- Wood	3/4" MDF	4	4'1x8'1"	\$36.00	\$144.00
Middle Level Windows- Wood	3/4" MDF	4	4'1x8'1"	\$36.00	\$144.00
Upper Level Windows- Wood	3/4" MDF	4	4'1x8'1"	\$36.00	\$144.00
2nd Level Rail- 1/2" Uprights	1/2" x 1/2"x 16ga. Box Tube	3	24' Stick	\$14.00	\$42.00
Top/Bottom Front Railing- Top Plate	1"x2" Box Tube Steel	2	20' Stick	\$20.00	\$40.00
Top/Bottom Front Railing- Spindles	1/2" x 1/2"x 16ga. Box Tube	5	24' Stick	\$14.00	\$70.00
Top/Bottom Front Railing- Bottom Plate	1/2"x 2" Flat Bar	2	20' Stick	\$41.00	\$82.00

Top/Bottom Back Railing- Top Plate/sections	1"x2" Box Tube Steel	4	20' Stick	\$20.00	\$80.00
Top/Bottom Back Railing- Spindles	1/2" x 1/2"x 16ga. Box Tube	4	24' Stick	\$14.00	\$56.00
Railing Angle Iron Decoration	1.5"x1.5"x .125 Angle Iron	1	20' Stick	\$15.00	\$15.00
Stationary Ladder Uprights	1/4"x 2 Plate Steel	1	20' Stick	\$37.00	\$37.00
Stationary Ladder Rungs	1/2" Round Bar	2	20' Stick	\$15.00	\$30.00
Sliding Ladder Uprights	1/4"x 2 Plate Steel	2	20' Stick	\$37.00	\$74.00
Sliding Ladder Rungs	1/2" Round Bar	2	20' Stick	\$15.00	\$30.00
Sliding Ladder Hooks	Extension Ladder Hooks	1	pair	\$43.00	\$43.00
	---		--	\$0.00	\$0.00
				<b>Total</b>	<b>\$2,614.00</b>

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## 5. Wagon 2

*The wagons are three story units on triple swivel casters with brakes. Each has a set of windows, fire escape ladders, balconies, and are painted red.*

### Build

Task	Crew #	Hours	Total
Bottom Wagon (BW)- Fabricate frame and deck	1	2	2
BW- Caster	1	1	1
2nd Story Platform- Clean, Cut, Grind steel	1	3	3
2nd Story P- Drill Holes	1	2	2
2nd Story P- Deck with ply and planks	1	3	3
2nd Story P- Install trap door	1	1	1
3rd Story Platform- Clean, Cut, Grind steel	1	3	3
3rd Story P- Drill Holes	1	2	2
3rd Story P- Deck with ply and planks	1	3	3
3rd Story P- Install trap door	1	1	1
Columns- Clean/cut/grind/drill steel	1	3	3
Columns- Fabricate brackets	1	4	4
Cut Facia board	1	1	1
Windows/Door (ALL)- Clean, Cut, Grind Steel Framing	1	3	3
Fabricate window brackets	1	4	4
Jig and Weld Window frames	1	7	7
Fabricate Windows (sashes) Jig and Flush route	1	7	7
Fabricate Window Trim	1	1	1
Assemble Windows/Door- Sashes and Trim	2	6	12
2nd Story Railing- Clean, cut, grind Steel	1	2	2
2nd Story Railing- Drill Holes	1	1	1
2nd Story Railing- Jig and Weld	1	3	3
3rd Story Railing- Clean, cut, grind Steel	1	2	2
3rd Story Railing- Drill Holes	1	1	1
3rd Story Railing- Jig and Weld	1	2	2
Fabricate Facia Board- All levels	1	1	1
Fire Escape Ladders (2 Total)- Clean, Cut, Grind Steel	1	2	2
FE Ladders- Jig and Weld	1	2	2
Fabricate Sliding ladder mechanism	1	3	3
Fabricate stationary ladder	1	4	4
			0
		<b>Total</b>	<b>86</b>

### Load In

Task	Crew #	Hours	Total
Rig chain hoists to assist with lifting	2	2	4
Install 2nd Story Posts and Platform	6	1	6

Install 2nd Story Railing	2	0.5	1
Install 3rd Story Post and Platform	6	1	6
Install 3rd Story Railing	2	1	2
Install Window/Door frames and Windows	2	6	12
Install and Rig Fire Escape Ladders- Troubleshoot sliding mechanism	2	4	8
			0
		<b>Total</b>	<b>39</b>

## Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Bottom Wagon- Frame	2x6x16	8	ea	\$10.00	\$80.00
Bottom Wagon- Deck	3/4" Plywood CDX	3	4x8	\$27.00	\$81.00
Bottom Wagon- Deck	1/4" MDF	4	4'1x8'1"	\$15.00	\$60.00
Bottom Wagon- Deck	Lexan	6	12x12	\$10.00	\$60.00
Bottom Wagon- Casters	---	6	--	\$0.00	\$0.00
Bottom Wagon- Casters	BMI Triple Swivel Casters	0	ea	\$167.00	\$0.00
Middle Story Platform- Frame	2"x2"x16ga. Box Tube	6	24' Stick	\$32.00	\$192.00
Middle Story Platform- Deck	3/4" Plywood BC	2	4x8	\$36.00	\$72.00
Middle Story Platform- Planks	5/4x6x12	6	ea	\$10.00	\$60.00
Middle Story Trap Door Hinge	Piano hinge	1	pair	\$12.00	\$12.00
Middle Story Platform- Frame	2"x2"x16ga. Box Tube	6	24' Stick	\$32.00	\$192.00
Middle Story Platform- Deck	3/4" Plywood BC	2	4x8	\$36.00	\$72.00
Middle Story Platform- Planks	5/4x6x12	6	ea	\$10.00	\$60.00
Columns- Verticles	2"x2"x16ga. Box Tube	4	24' Stick	\$32.00	\$128.00
Columns- Brackets	2x2x.125 Angle Iron	1	20' Stick	\$17.00	\$17.00
Facia Board	1/2" MDF	1	4'1x8'1"	\$26.00	\$26.00
Top Level Ceiling	1x4x16	2	ea	\$11.00	\$22.00
Top Level Ceiling	Luan	4	4x8	\$14.00	\$56.00
Lower Windows/Door- Frame Steel	2"x2"x16ga. Box Tube	3	24' Stick	\$32.00	\$96.00
Middle Level Windows- Frame Steel	2"x2"x16ga. Box Tube	3	24' Stick	\$32.00	\$96.00
Upper Level Windows- Frame Steel	2"x2"x16ga. Box Tube	3	24' Stick	\$32.00	\$96.00
Window Frame Brackets	2x2x.125 Angle Iron	1	20' Stick	\$17.00	\$17.00
Window Roller Shades- All	28" Roller Shade	11	ea	\$8.00	\$88.00
Lower Windows/Door- Wood	3/4" MDF	4	4'1x8'1"	\$36.00	\$144.00
Middle Level Windows- Wood	3/4" MDF	4	4'1x8'1"	\$36.00	\$144.00
Upper Level Windows- Wood	3/4" MDF	4	4'1x8'1"	\$36.00	\$144.00
2nd Level Rail- 1/2" Uprights	1/2" x 1/2"x 16ga. Box Tube	3	24' Stick	\$14.00	\$42.00
Top/Bottom Front Railing- Top Plate	1"x2" Box Tube Steel	2	20' Stick	\$20.00	\$40.00
Top/Bottom Front Railing- Spindles	1/2" x 1/2"x 16ga. Box Tube	5	24' Stick	\$14.00	\$70.00
Top/Bottom Front Railing- Bottom Plate	1/2"x 2" Flat Bar	2	20' Stick	\$41.00	\$82.00

Top/Bottom Back Railing- Top Plate/sections	1"x2" Box Tube Steel	4	20' Stick	\$20.00	\$80.00
Top/Bottom Back Railing- Spindles	1/2" x 1/2"x 16ga. Box Tube	4	24' Stick	\$14.00	\$56.00
Railing Angle Iron Decoration	1.5"x1.5"x .125 Angle Iron	1	20' Stick	\$15.00	\$15.00
Stationary Ladder Uprights	1/4"x 2 Plate Steel	1	20' Stick	\$37.00	\$37.00
Stationary Ladder Rungs	1/2" Round Bar	2	20' Stick	\$15.00	\$30.00
Sliding Ladder Uprights	1/4"x 2 Plate Steel	2	20' Stick	\$37.00	\$74.00
Sliding Ladder Rungs	1/2" Round Bar	2	20' Stick	\$15.00	\$30.00
Sliding Ladder Hooks	Extension Ladder Hooks	1	pair	\$43.00	\$43.00
	---		--	\$0.00	\$0.00
				<b>Total</b>	<b>\$2,614.00</b>

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### 6. Wall And Fence Unit

*The wall and fence unit pivots open forming an "L" shape. One leg the "L" is the wall the other is the fence. The wall is solid with a concrete texture surface. It will have a 1" box tube steel ladder and other foot holds for actors to climb up the back side. The fence half is made of all the usual chainlink hardware will be used except posts and rails are pipe steel and tension bars are flat stock steel with same dimension as typical tension bars. The unit has a door and street light integrated in but removable. The unit is on wheels with brakes.*

#### Build

Task	Crew #	Hours	Total
Clean Steel- Post and rails	1	1	1
Cut and grind steel for all chain link frames (posts and rails)	1	4	4
Assemble chain link frames	2	4	8
Stretch and install chain link fabric	3	4	12
Fabricate doors	2	6	12
Install Casters	1	1	1
Wall- Fabricate and Skin Frames	2	3	6
Caster Wall Unit	1	1	1
Install Ladder/ Foot Holds	2	1	2
			0
		<b>Total</b>	<b>47</b>

#### Load In

Task	Crew #	Hours	Total
Assemble Unit- Install Pivot Mechanism	2	2	4
Install Street Light	2	1	2
			0
		<b>Total</b>	<b>6</b>

#### Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Fencing	4'-0" wide fence fabric- Stock	30	ft	\$0.00	\$0.00
Fencing- Tension Bar	1/2" x 3/16" Flat Bar	3	20' Stick	\$13.00	\$39.00
Fencing- Termination Post	2" Schedule 40 Pipe	6	20' Stick	\$46.00	\$276.00
Fencing- Line Post	1-1/4" Schedule 40 Pipe	3	21' Stick	\$30.00	\$90.00
Fencing- Termination Post Cap	Terminal Post Cap	2	ea	\$1.00	\$2.00
Fencing- Rail End	Rail End	7	ea	\$2.00	\$14.00
Fencing- Rail End Band	Rail End Band	7	ea	\$1.00	\$7.00
Fencing- Tension Band	2 3/8" Tension Band	24	ea	\$1.00	\$24.00
Fencing- Ties	Fence Tie	1	50pk	\$5.00	\$5.00
Fencing- Band Bolts	Bolts/Nuts for Bands	1	100pk	\$11.00	\$11.00
Fencing- Gates	Gate Hardware- Set	1	ea	\$17.00	\$17.00
Casters	---	6	--	\$0.00	\$0.00

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Door Frame	1"x1"x16ga 24'	1	24' Stick	\$17.00	\$17.00
Wall- Framing	2x4x16	11	ea	\$6.00	\$66.00
Wall- Skin	1/2" OSB	2	4x8	\$10.00	\$20.00
Walls Casters	---	4	--	\$0.00	\$0.00
Ladder	1"x1"x16ga 24'	1.5	24' Stick	\$17.00	\$25.50
Foot Holds	3/4" plywood CDX	1	4x8	\$27.00	\$27.00
	---		--	\$0.00	\$0.00
				<b>Total</b>	<b>\$640.50</b>

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## 7. Bedroom Unit

*Three bedroom units: Archway Unit (AU), Door Unit (DU), Window Unit (WU). The archway unit is 11'-6" w x 9'-0"h, it is constructed as a wall with small return. The unit will have ornate style trim, curtain and curtain rod in the opening, contains a wall sconce (electrical provided by LX department), and is castered. The door unit is 7'-0" w x 9'-0" tall, it is constructed as wall with non-praticle dresser attached. The unit has ornate style trim, door shutter, and is castered. The window unit is 4'-6" w x 8'-0" tall. It is constructed with a functioning window, includes shear curtain, and is castered. Brakes will be provided for all units.*

### Build

Task	Crew #	Hours	Total
Fabricate and Caster Archway Unit	2	6	12
Fabricate and Caster Door Unit	2	2	4
Fabricate Dresser	1	3	3
Fabricate and Caster Window Unit	2	6	12
			0
		<b>Total</b>	<b>31</b>

### Load In

Task	Crew #	Hours	Total
Hang Door	2	1	2
Install Curtain in window	1	1	1
			0
		<b>Total</b>	<b>3</b>

### Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL
AU- Wall Framing	1x6x16	7	ea	\$14.00	\$98.00
AU- Wall Skin	Luan	4	4x8	\$14.00	\$56.00
AU- Trim	1/2" MDF	1	4'1x8'1"	\$26.00	\$26.00
AU- Ornate Trim	---	4	--	\$0.00	\$0.00
AU- Returns	1x6x16	2	ea	\$14.00	\$28.00
AU- Returns	Luan	1	4x8	\$14.00	\$14.00
AU- Curtain	Opaque Curtain	1	ea	\$20.00	\$20.00
AU- Casters	Stock	4	--	\$0.00	\$0.00
DU- Wall Framing	1x6x16	6	ea	\$14.00	\$84.00
DU- Wall Skin	Luan	3	4x8	\$14.00	\$42.00
DU- Trim	1/2" MDF	1	4'1x8'1"	\$26.00	\$26.00
DU- Ornate Trim	---		--	\$0.00	\$0.00
DU- Dresser	3/4" Plywood BC	2	4x8	\$36.00	\$72.00
DU- Dresser Handles	Wood Round Knob	4	ea	\$2.00	\$8.00
DU- Door Sash	4 Panel Door	1	ea	\$52.00	\$52.00
DU- Returns	1x6x16	2	ea	\$14.00	\$28.00
DU- Returns	Luan	1	4x8	\$14.00	\$14.00
DU- Casters	Stock	6	--	\$0.00	\$0.00
WU- Wall Framing	1x6x16	4	ea	\$14.00	\$56.00
WU- Wall Skin	Luan	2	4x8	\$14.00	\$28.00
WU- Window Framing	3/4" MDF	1	4'1x8'1"	\$36.00	\$36.00

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WU- Trim	1/2" MDF	1	4'1x8'1"	\$26.00	\$26.00
WU- Curtain	Shear Curtain	1	ea	\$10.00	\$10.00
WU- Returns	1x6x16	2	ea	\$14.00	\$28.00
WU- Returns	Luan	2	4x8	\$14.00	\$28.00
WU- Casters	Stock	4	--	\$0.00	\$0.00
WU- Window Rigging	Rigging Materials	1	ea	\$25.00	\$25.00
Ornate Trim- All	Bedroom Unit Trim	40	Inft	\$2.00	\$80.00
	---		--	\$0.00	\$0.00
				<b>Total</b>	<b>\$885.00</b>

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### 8.Cellar Stair

*The cellar stairs is used for multiple scenes, it has an open tread design and is made of wood. It is on wheels with brakes. Also has a removable ships ladder. DISCUSS wheel carriage.*

#### Build

Task	Crew #	Hours	Total
Fabricate Staris	2	2	4
Fabricate Ladder	2	2	4
Fabricate/Install Railings	2	2	4
Clean, Cut, Grid Steel "wagon"	1	2	2
Jig and Weld "Wagon"	1	2	2
Caster Unit	1	1	1
Assemble Parts	2	1	2
			0
		<b>Total</b>	<b>19</b>

#### Load In

Task	Crew #	Hours	Total
			0
		<b>Total</b>	<b>0</b>

#### Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Platform- Frame	2x4x16	2	ea	\$6.00	\$12.00
Platform- Deck	3/4" Plywood CDX	1	4x8	\$27.00	\$27.00
Platform- Rail	2x4x16	2	ea	\$6.00	\$12.00
Platform- Legs	2"x2"x16ga. Box Tube	2	24' Stick	\$32.00	\$64.00
Stairs- Carriage	2x8x16	2	ea	\$0.00	\$0.00
Stairs- Carriage	3/4" Plywood CDX	1	4x8	\$27.00	\$27.00
Stairs- Treads	2x10x16	3	ea	\$0.00	\$0.00
Stairs- Rails	2x4x16	3	ea	\$6.00	\$18.00
Ships Ladder- Carriage	1x6x16	1	ea	\$14.00	\$14.00
Ships Ladder- Carriage	3/4" Plywood CDX	1	4x8	\$27.00	\$27.00
Ships Ladder- Treads	2x6x16	2	ea	\$10.00	\$20.00
Ships Ladder Rails	2x4x16	3	ea	\$6.00	\$18.00
Quick Connect Hardware	Misc. Hardware	2	ea	\$25.00	\$50.00
Wheel Carriage	2"x2"x16ga. Box Tube	4	24' Stick	\$32.00	\$128.00
Casters	Stock	10	--	\$0.00	\$0.00
			<b>Total</b>		<b>\$417.00</b>

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### 9. Junk Yard Fence

*The junk yard fence is rigged to fly on lineset 3. It is constructed of a steel subframe covered with a rough hune fence boards. Other finished include doors, and corrugated steel looking panels. A door panel opens for actor entrance. A second door is sittable by actors. DISCUSS Doors.*

#### Build

Task	Crew #	Hours	Total
Clean, Cut, Grind, Drill Steel to rig unit	1	2	2
Fabricate fence- Fame and Boards	1	3	3
Prep doors	1	4	4
			0
<b>Total</b>			<b>9</b>

#### Load In

Task	Crew #	Hours	Total
Rig and Fly Unit	6	1	6
Install Corrugated Panels	2	1	2
Troubleshoot door/fence board trick	1	2	2
			0
<b>Total</b>			<b>10</b>

#### Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Rigging Steel- Batten Attachment	1"x2" Box Tube Steel	2	20' Stick	\$20.00	\$40.00
Fence Frame	2x4x16	6	ea	\$6.00	\$36.00
Fence Boards	1x12x16 Rough Sawn	7	ea	\$19.00	\$133.00
Corrugate Panel	Corrugate Panel	2	ea	\$22.00	\$44.00
Door 1	Junk Yard Door	1	ea	\$40.00	\$40.00
Door 2	Junk Yard Door	1	ea	\$40.00	\$40.00
Seat	3/4" MDF	1	4'1x8'1"	\$36.00	\$36.00
	---		--	\$0.00	\$0.00
<b>Total</b>					<b>\$369.00</b>

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### 10. Doc's Unit

*Doc's Unit is constructed of two parts. The parts roll in straight but then pivot to 90 degrees, connections are made with loose pin hinges. The first part is a wall wagon with 2 doors. The wall is open windows with door framed from steel and 1/4" lexan sheet. All wall framing is 1x4 hollywood framed flats connected by 1x posts. The other half of the unit is a wagon consisting of a marble melomime counter top and chrome stools and foot rest. CUT: Door Lexan (replace with metal screen, tbd), chrome platfrom edging, laminate counter top- replace with painted marble, foot rest., and bar stools (plan to build now.) Reworked deck and counter skin to cheaper 1/4" MDF instead of Masonite.*

#### Build

Task	Crew #	Hours	Total
Fabricate and Caster Wagons	2	4	8
Fabricate Counter and Install Melamine	2	4	8
Assemble Counter Unit with Stools and foot rest	2	3	6
Fabricate Walls- All	2	4	8
Fabricate Door- Cut/Weld Steel and Install Lexan	1	6	6
			0
		<b>Total</b>	<b>36</b>

#### Load In

Task	Crew #	Hours	Total
Assemble Wagons/Walls/Doors and Pivot- Troubleshoot	2	4	8
Install Edging	2	4	8
			0
		<b>Total</b>	<b>16</b>

#### Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Counter Wagon Frame	2x4x16	3	ea	\$6.00	\$18.00
Counter Wagon Deck	3/4" plywood CDX	2	4x8	\$27.00	\$54.00
Counter Wagon Deck	1/4" MDF	3	4'1x8'1"	\$15.00	\$45.00
Bar Stools	Bar Stools- Homemade	2	ea	\$100.00	\$200.00
Counter Frame	3/4" plywood CDX	3	4x8	\$27.00	\$81.00
Counter Top	3/4" plywood CDX	3	4x8	\$27.00	\$81.00
Counter Top Surface	1/4" MDF	2	4'1x8'1"	\$15.00	\$30.00
Wall Wagon Frame	2x4x16	3	ea	\$6.00	\$18.00
Wall Wagon Deck	3/4" plywood CDX	2	4x8	\$27.00	\$54.00
Wall Wagon Deck	1/4" MDF	3	4'1x8'1"	\$15.00	\$45.00
Wall Framing	1x4x16	38	ea	\$11.00	\$418.00
Casters	---	12	--	\$0.00	\$0.00
Glass Door Frame	1"x1"x16ga 24'	2	24' Stick	\$17.00	\$34.00
Dart Board Door	28" Slab Door	1	ea	\$29.00	\$29.00
	---		--	\$0.00	\$0.00
			<b>Total</b>		<b>\$1,107.00</b>

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## 11. Bridal Shop Wall

*The bridal shop windows fly on lineset 16. They are CNC'd from 3/4" MDF with Frosted Plexi on back. The Door wagon consists of a door and window. The unit is 1x4 framed hollywood style, it will ride on casters and has bracing behind.*

### Build

Task	Crew #	Hours	Total
Install Plexi	2	2	4
Fabricate Walls and Wagon	2	3	6
Fabricate Door	1	2	2
			0
		<b>Total</b>	<b>12</b>

### Load In

Task	Crew #	Hours	Total
Rig and Fly Windows	3	2	6
Install Door	1	1	1
			0
		<b>Total</b>	<b>7</b>

### Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Windows and Trim	3/4" MDF	4	4'1x8'1"	\$36.00	\$144.00
Windows- Rigging Materials	Rigging Materials	2	ea	\$25.00	\$50.00
Windows- Frosted Plexi	55" Transluscent RP	4	yd	\$19.00	\$76.00
Windows- Plexi Screws	Plexi Screws- McMaster 91555A104	1	ea	\$8.00	\$8.00
Wagon- Wall Frame	1x4x16	8	ea	\$11.00	\$88.00
Wagon- Wall Skin	Luan	3	4x8	\$14.00	\$42.00
Wagon- Trim	1/2" MDF	1	4'1x8'1"	\$26.00	\$26.00
Wagon- Caster Framing/jacks	1x4x16	2	ea	\$11.00	\$22.00
Wagon- Door	3/4" MDF	1	4'1x8'1"	\$36.00	\$36.00
Wagon- Door	Luan	1	4x8	\$14.00	\$14.00
Wagon- Casters	Stock	4	--	\$0.00	\$0.00
	---		--	\$0.00	\$0.00
			<b>Total</b>		<b>\$506.00</b>

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### 12. Bridal Shop Wagon/Steps- CUT

*The bridal shop wagon consists of steps and handrail. The unit will be constructed from wood with a steel hand rail. The unit is on wheels with breaks.*

#### Build

Task	Crew #	Hours	Total
Fabricate and Caster Wagon	0	2	0
Fabricate +36" Platform	0	1.5	0
Fabricate Steps	0	3	0
Cut, Clean, Grind Steel Handrails	0	2	0
Jig and Weld Hand Rails	0	2	0
Assemble Wagon and Components- Face	0	3	0
			0
<b>Total</b>			<b>0</b>

#### Load In

Task	Crew #	Hours	Total
			0
<b>Total</b>			<b>0</b>

#### Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Windows and Trim	2x4x16	0	ea	\$6.00	\$0.00
Wagon Deck	3/4" plywood CDX	0	4x8	\$27.00	\$0.00
Casters	---	0	--	\$0.00	\$0.00
36" Level Platform Frame	2x4x16	0	ea	\$6.00	\$0.00
36" Level Platform Deck	3/4" plywood CDX	0	4x8	\$27.00	\$0.00
36" Level Platform Legs	2x4x16	0	ea	\$6.00	\$0.00
Steps	3/4" plywood CDX	0	4x8	\$27.00	\$0.00
Facing	1/4" Masonite	0	4x8	\$22.00	\$0.00
Handrail Spindles	1"x1"x16ga 24'	0	24' Stick	\$17.00	\$0.00
Hand Rail	1.5"x1.5"x16ga 24'	0	24' Stick	\$22.00	\$0.00
	---		--	\$0.00	\$0.00
<b>Total</b>				<b>\$0.00</b>	<b>\$0.00</b>

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### 13. Scenery: Miscellaneous

*Miscellaneous scenery includes: The gym lights and streamers, fans, America lights, and cellar light bulb. Cut- Basketball hoop. Confirm researched options.*

#### Build

Task	Crew #	Hours	Total
Fabricate Streamers	1	3	3
			0
		<b>Total</b>	<b>3</b>

#### Load In

Task	Crew #	Hours	Total
Hang Gym Lights and Streamers	3	2	6
Hang Fans	3	1	3
Hang/Swag America Lights	3	1	3
Hand Cellar Light Bulb	2	1	2
			0
		<b>Total</b>	<b>14</b>

#### Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Gym Lights	Gym Lights	4	ea	\$80.00	\$320.00
Streamers	2.5" wired ribbon- Orange/Red	10	ea	\$10.00	\$100.00
Fans	Ceiling Fan	1	ea	\$100.00	\$100.00
America Lights	America Lights	4	8 foot	\$70.00	\$280.00
Cellar Light Bulb and Cage	Vintage Light Bulb and Cage	1	ea	\$30.00	\$30.00
SJO Cable	SJO Cable	70	ft	\$1.00	\$70.00
	---		--	\$0.00	\$0.00
			<b>Total</b>		<b>\$900.00</b>



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14. Soft Goods

*All house soft goods are used. 4 Sets of legs, 3 borders, and a Full Stage Blackout Curtain.*

Build

Task	Crew #	Hours	Total
Pull Soft Goods	2	2	4
		<b>Total</b>	<b>4</b>

Load In

Task	Crew #	Hours	Total
Hang Soft Goods	6	3	18
		<b>Total</b>	<b>18</b>

Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
	---		--	\$0.00	\$0.00
	---		--	\$0.00	\$0.00
				<b>Total</b>	<b>\$0.00</b>