

Pennsylvania Shakespeare Festival
 Summer 2016
 Main Stage Rep Budget
 Version 2.1
 6/21/2016

Budget Overview

	Budget Goals	Cost Est.	Build Est. Hrs.	Load In. Est. Hrs.
Taming of the Shrew	\$ 6,435.00	\$ 6,765.50	232	195
Blithe Spirit	\$ 6,435.00	\$ 9,704.00	509	162
Contingency at 10%		\$ 1,646.95		
Total:	\$ 12,870.00	\$ 18,116.45	741	357
Difference:		-\$5,246.45		

Main Stage Rep Available Hours

Title Hrs./Week	Build 6 June 13-18	Build 7 June 20-25	Build 8 June 27-July 2	Build 9 July 4-9	Build 10 July 11-16	Build 11 July 18-23
D.D'Egnuff- Shop Foreman	32	40	52	51	54	28
J.Griffith- Carpenter	WSS/JC	40	52	51	54	28
M.Dunn- Carpenter	32	40	52	51	54	28
P.Doctor- Deck Chief	Running WSS	12	12	20	Running Rep	Running Rep
K.Stark- Staff Carp/Run	Running WSS	16	16	20	Running Rep	Running Rep
T.Raso- Carp Intern	Running WSS	12	12	20	Running Rep	Running Rep
M.Barber- Carp Intern	Running WSS	Running WSS	Running WSS	Running WSS	Running Rep	Running Rep
Overhire 1- Sean D	---	40	---	---	---	---
Overhire 2- Scott R	---	40	40	---	---	---
Overhire 3- Matt F	---	40	52	---	---	---
Overhire 4- James V	---	40	40	---	---	---

Total: 64 320 328 213 162 84

JC Build	JC Notes	Rep Build	WSS Strike	Shrew Notes	Spirit Notes
WSS Notes	Rep Build		Shrew Install/Tech	Spirit	LLL Notes
Rep Build			Spirit Build	Install/Tech	

Available Rep Build and Load In Hrs.: 1087

Total Combined Estimated Build and Load In hours: 1098

Estimated Shrew Build Hrs.: 232

Estimated Shrew Load In Hrs.: 195

Estimated Blithe Spirit Build Hrs.: 509

Estimated Blithe Spirit Load In Hrs.: 162

Hours Need: 11

Changes Since Version 1:

-Changes to both shows based on revised drawings. See unit descriptions for details.

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Difference:		-\$5,246.45		

Taming of the Shrew

	Cost Est.	Build Est. Hrs.	Load In Est. Hrs.
1. Base Wagon	\$ 716.00	42	6
2. Upper Deck	\$ 891.00	42	6
3. Deck Boards	\$ 840.00	6	32
4. Posts- Upper and Lower	\$ 1,427.00	16	66
5. Back Wall- Upper and Lower	\$ 1,711.00	40	28
6. Front Wall- Upper and Lower	\$ 596.50	16	16
7. Set Stairs	\$ 183.00	12	9
8. Spiral Stairs	\$ 8.00	6	12
9. Doors and Track Needs	\$ 75.00	12	14
10. Escape Stairs	\$ 318.00	40	6
Total:	\$ 6,765.50	232	195

Main Stage Rep Available Hours

Title Hrs./Week	Build 6 June 13-18	Build 7 June 20-25	Build 8 June 27-July 2	Build 9 July 4-9	Build 10 July 11-16	Build 11 July 18-23
Total:	64	320	328	213	162	84
	JC Build WSS Notes Rep Build	JC Notes Rep Build	Rep Build	WSS Strike Shrew Install/Tech Spirit Build	Shrew Notes Spirit Install/Tech	Spirit Notes LLL Notes

Available Rep Build and Load In Hrs.: 1087

Total Combined Estimated Build and Load In hours: 1098

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Hours Need: 11

Changes Since Version 1:

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Summer 2016
Taming of the Shrew

1. Base Wagon

The base wagon is made up of a series of 2x4 frames platforms on casters. The unit will be assembled to break into 4 sections for rep. The unit will be covered with luan "deck" boards and faced with luan. This unit will carry the lower columns, 2nd level walking platform, doors, and 2 set staircases.

Build

Task	Crew #	Hours	Total
Fabricate wagon platforms	2	10	20
Assemble Units, face and deck	3	4	12
Add Casters to wagons	1	6	6
Cut deck boards	2	2	4
		0	0
		Total	42

Load In

Task	Crew #	Hours	Total
Troubleshoot rep connections	2	3	6
	0	0	0
		Total	6

Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Frame- All	2x4x16	26	ea	\$6.00	\$156.00
Deck- All	3/4" OSB T/G	14	4x8	\$17.00	\$238.00
Castors	Stock Castors	40	Stock	\$0.00	\$0.00
Deck Boards- All	Luan	21	4x8	\$14.00	\$294.00
Facing- All	Luan	2	4x8	\$14.00	\$28.00
	---	0	--	\$0.00	\$0.00
	---	0	--	\$0.00	\$0.00
			Total		\$716.00

* Considered Rep Common Element

Summer 2016
Taming of the Shrew

2. Upper Deck

The upper deck is constructed of 2x6 framed platforms decked with OSB and Luan "Deck" boards. The unit will be assemble to break into 4 sections for rep. This unit will ride with the base wagon, lower columns, and tracking door for rep.

Build

Task	Crew #	Hours	Total
Fabricate wagon platforms	2	10	20
Assemble Units, face and deck	3	4	12
Add Casters to wagons	1	6	6
Cut deck boards	2	2	4
	0	0	0
		Total	42

Load In

Task	Crew #	Hours	Total
Troubleshoot rep connections	2	3	6
	0	0	0
		Total	6

Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Frame	2x6x16	30	ea	\$10.00	\$300.00
Deck- All	3/4" OSB T/G	15	4x8	\$17.00	\$255.00
Deck Boards- All	Luan	22	4x8	\$14.00	\$308.00
Facing- All	Luan	2	4x8	\$14.00	\$28.00
	---	0	--	\$0.00	\$0.00
	---	0	--	\$0.00	\$0.00
				Total	\$891.00

* Considered Rep Common Element

Summer 2016
Taming of the Shrew

3. Deck Boards

The deck boards are ripped luan strips stapled to the stage. I suggest running the boards long under the wagons- the exact new proposed footprint is TBD.

Build

Task	Crew #	Hours	Total
Cut strips for paint	2	3	6
	0	0	0
		Total	6

Load In

Task	Crew #	Hours	Total
Install Deck boards	4	8	32
	0	0	0
		Total	32

Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Deck Planks- All	Luan	60	4x8	\$14.00	\$840.00
	---	0	--	\$0.00	\$0.00
	---	0	--	\$0.00	\$0.00
				Total	\$840.00

* Considered Rep Common Element

Summer 2016
Taming of the Shrew

4. Posts- Upper and Lower

The lower posts are designed to be installed and break for rep as needed, these columns will act as legs for the 2nd level platform. All upper columns fly. All lower columns are constructed of 2x6 legs with 1x covers to build them out to 6"x6". All upper columns are constructed from 1x only. Column material is rough cut.

Build

Task	Crew #	Hours	Total
Cut and Fabricate legs	1	1	1
Fabricate column covers	1	4	4
Prep upper columns to fly	1	3	3
Fabricate column bracing	1	6	6
Fabricate handrails	1	2	2
			0
Total			16

Load In

Task	Crew #	Hours	Total
Install lower columns and 2nd level platform	4	6	24
Troubleshoot rep connections	2	3	6
Rig upper columns to fly	6	4	24
Install Column bracing	2	2	4
Install Handrail	2	2	4
Troubleshoot column rep connections	2	2	4
			0
Total			66

Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Covers	2x6x16	10	ea	\$10.00	\$100.00
Covers	1x12x16 Rough Sawn	32	ea	\$19.00	\$608.00
Braces	2x6x16	6	ea	\$10.00	\$60.00
Upper Post Framing	3/4" Plywood CDX	1	4x8	\$27.00	\$27.00
Upper Covers	1x12x16 Rough Sawn	22	ea	\$19.00	\$418.00
Upper Railings	2x4x16	9	ea	\$6.00	\$54.00
Upper column top support	2x4x16	10	ea	\$6.00	\$60.00
Rigging materials	Rigging Materials	4	ea	\$25.00	\$100.00
	---		--	\$0.00	\$0.00
	---		--	\$0.00	\$0.00
Total					\$1,427.00

* Considered Rep Common Element

Summer 2016
 Taming of the Shrew

5. Back Wall- Upper and Lower

The back wall of the set is a series of hollywood framed flats covered with brick paneling with added texture. The lower wall will provide upstage support for the second level; the upper wall will be flown on lineset 18.

Build

Task	Crew #	Hours	Total
Fabricate Wall sections	2	16	32
Prep rigging for upper walls	2	4	8
	0	0	0
	0	0	0
		Total	40

Load In

Task	Crew #	Hours	Total
Install lower wall with 2nd level platform	6	2	12
Troubleshoot rep connections	2	1	2
Rig and Fly upper wall	6	2	12
Install/ Troubleshoot rep connections	2	1	2
	0	0	0
	0	0	0
		Total	28

Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Lower Back Wall Framing	2x4x16	21	ea	\$6.00	\$126.00
Lower Back Wall Framing	1x4x16	14	ea	\$11.00	\$154.00
Lower Skin	Gas Light Brick	16	4x8	\$26.00	\$416.00
Upper Back Wall Framing	1x4x16	39	ea	\$11.00	\$429.00
Upper Back Wall Framing	2x4x16	3	ea	\$6.00	\$18.00
Upper Skin	Gas Light Brick	18	4x8	\$26.00	\$468.00
Rigging Materials	Rigging Materials	2	ea	\$25.00	\$50.00
Rep Hardware	Misc. Hardware	2	ea	\$25.00	\$50.00
	---	0	--	\$0.00	\$0.00
	---	0	--	\$0.00	\$0.00
			Total		\$1,711.00

* Considered Rep Common Element

Summer 2016
 Taming of the Shrew

6. Front Wall- Upper and Lower

The front brick wall is located on the offstage and downstage sides of the set. The wall is constructed of hollywood style flats, bolted together, skinned with brick panel with applied extra texture. Walls fly for rep.

Build

Task	Crew #	Hours	Total
Fabricate Wall sections	2	6	12
Prep rigging for upper walls	2	2	4
	0	0	0
	0	0	0
Total			16

Load In

Task	Crew #	Hours	Total
Troubleshoot rep connections	2	1	2
Rig and Fly wall	6	2	12
Install/ Troubleshoot rep connections	2	1	2
	0	0	0
	0	0	0
Total			16

Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Wll Framing	1x4x16	21.5	ea	\$11.00	\$236.50
Wall Skin	Gas Light Brick	10	4x8	\$26.00	\$260.00
Rigging Materials	Rigging Materials	3	ea	\$25.00	\$75.00
Rep Hardware	Misc. Hardware	1	ea	\$25.00	\$25.00
	---	0	--	\$0.00	\$0.00
	---	0	--	\$0.00	\$0.00
Total					\$596.50

* Considered Rep Common Element

Summer 2016
 Taming of the Shrew

7. Set Stairs

The set stairs are located in audience view upstage left. They are constructed of all 2x12 open treads complete with 2x4 legs and handrail.

Build

Task	Crew #	Hours	Total
Fabricate stairs	1	8	8
Fabricate handrails	1	4	4
	0	0	0
	0	0	0
Total			12

Load In

Task	Crew #	Hours	Total
Install stairs and handrail	3	3	9
	0	0	0
Total			9

Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Stringers	2x12x16	3	ea	\$21.00	\$63.00
Treads	2x12x16	4	ea	\$21.00	\$84.00
Legs	2x4x16	2	ea	\$6.00	\$12.00
Handrail	2x4x16	4	ea	\$6.00	\$24.00
	---	0	--	\$0.00	\$0.00
Total					\$183.00

* Considered Rep Common Element

Summer 2016
 Taming of the Shrew

8. Spiral Stairs

The spiral stairs will be borrowed from DeSale's stock. Need to purchase hand rail.

Build

Task	Crew #	Hours	Total
Pull from stock	3	2	6
	0	0	0
	0	0	0
Total			6

Load In

Task	Crew #	Hours	Total
Install	3	4	12
	0	0	0
Total			12

Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Hand Rail	1" Sch 40 PVC 10' Stick	2	10' stick	\$4.00	\$8.00
	---	0	--	\$0.00	\$0.00
	---	0	--	\$0.00	\$0.00
Total					\$8.00

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Summer 2016
 Taming of the Shrew

9. Doors and Track Needs

2 doors of various construction- added some steel and uhmw for rigging/tracking purposes. All components except track/knife hardware are from stock.

Build

Task	Crew #	Hours	Total
Pull/ Fabricate Doors- All	2	2	4
Pull track and track parts- prep for install	2	4	8
	0	0	0
Total			12

Load In

Task	Crew #	Hours	Total
Install track and doors	4	2	8
Troubleshoot door movement	2	3	6
	0	0	0
Total			14

Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Track	Stock	0	Stock	\$0.00	\$0.00
Track Stops	Stock	0	Stock	\$0.00	\$0.00
Scenery Carriers	Stock	0	Stock	\$0.00	\$0.00
Doors	Stock	0	Stock	\$0.00	\$0.00
Metal decorative brackets	Stock	0	Stock	\$0.00	\$0.00
Track/ Knife hardware	Rigging Materials	3	ea	\$25.00	\$75.00
	---	0	--	\$0.00	\$0.00
	---	0	--	\$0.00	\$0.00
Total					\$75.00

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Summer 2016
Taming of the Shrew

10. Escape Stairs

2 Sets of escapes stairs are needed. 1 set will be constructed from a cut unit from West Side Story, the second unit doubles for both rep shows. It is constructed of 2x12 and plywood riding on a 2x4 framed wagon decked with plywood. Each escape stairs will have hand rails.

Build

Task	Crew #	Hours	Total
Fabricate stair cases	1	12	12
Fabricate Handrails	1	4	4
Fabricate wagons	2	6	12
Caster wagons and install rep connections	2	6	12
	0	0	0
	0	0	0
Total			40

Load In

Task	Crew #	Hours	Total
Troubleshoot rep connections	2	3	6
	0	0	0
Total			6

Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Base wagon frame- Both	2x4x16	8	ea	\$6.00	\$48.00
Base wagon deck- both	3/4" plywood CDX	4	4x8	\$27.00	\$108.00
base wagon casters- both	Stock Casters	8	Stock	\$0.00	\$0.00
stair stringers	2x12x16	2	ea	\$21.00	\$42.00
Stair treads	3/4" plywood CDX	1	4x8	\$27.00	\$27.00
Stair landing frame	2x4x16	1	ea	\$6.00	\$6.00
Stair landing deck	3/4" plywood CDX	1	4x8	\$27.00	\$27.00
Stair Handrail- both	2x4x16	10	ea	\$6.00	\$60.00
	---	0	--	\$0.00	\$0.00
	---	0	--	\$0.00	\$0.00
Total					\$318.00

* Considered Rep Common Element

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Difference:		-\$5,246.45		

Blithe Spirit

	Cost Est.	Build Est. Hrs.	Load In Est. Hrs.
1. Unit A	\$ 924.00	58	18
2. Unit B- Walls	\$ 4,576.00	201	40
3. Unit B, C, & D Wagons	\$ 825.00	40	4
4. Unit C- Walls	\$ 1,007.00	52	12
5. Unit D Walls	\$ 478.00	20	6
6. Unit E- Wagon and Walls	\$ 1,466.00	104	6
7. Floor	\$ 428.00	34	52
8. Miscelaneous	\$ -	0	12
9. Soft Goods *	\$ -	0	12
Total:	\$ 9,704.00	509	162

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Available Rep Build and Load In Hrs.: 1087

Total Combined Estimated Build and Load In hours: 1098

Estimated Shrew Build Hrs.: 232

Estimated Shrew Load In Hrs.: 195

Estimated Blithe Spirit Build Hrs.: 509

Estimated Blithe Spirit Load In Hrs.: 162

Hours Need: 11

Changes Since Version 1:

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Summer 2016
Blithe Spirit

1. Unit A

Unit A is placed downstage right. It is a castered wagon consisting of 4 walls, 1 flipper masking wall, and an upstage return. The unit will be complete with trim, fireplace box, mantel, and hearth.

Build

Task	Crew #	Hours	Total
Fabricate Flipper wall	1	4	4
Fabricate Main Unit Walls	2	12	24
Fabricate Fireplace mantel and box	1	6	6
Install Trim	2	6	12
Fabricate and Caster Wagon	2	6	12
	0	0	0
	0	0	0
		Total	58

Load In

Task	Crew #	Hours	Total
Assemble Unit- Wagon, Wall, Firepalce, Crown Trim	2	8	16
Install Flipper Wall	2	1	2
	0	0	0
	0	0	0
		Total	18

Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Flipper Wall Frame	1x4x16	3	ea	\$11.00	\$33.00
Flipper Wall Skin	Luan	2	4x8	\$14.00	\$28.00
Flipper Wall Skin	54" 8 oz. Duvetyn	5	yd	\$7.00	\$35.00
Wall A Frame	1x4x16	2	ea	\$11.00	\$22.00
Wall A Frame	1x6x16	1	ea	\$14.00	\$14.00
Wall A Skin	Luan	1	4x8	\$14.00	\$14.00
Wall B Frame	1x4x16	3	ea	\$11.00	\$33.00
Wall B Frame	1x6x16	1	ea	\$14.00	\$14.00
Wall B Skin	Luan	2	4x8	\$14.00	\$28.00
Wall C Frame	1x4x16	3	ea	\$11.00	\$33.00
Wall C Skin	Luan	1	4x8	\$14.00	\$14.00
Wall D Frame	1x4x16	7	ea	\$11.00	\$77.00
Wall D Skin	Luan	3	4x8	\$14.00	\$42.00
Wall E Frame	1x4x16	3	ea	\$11.00	\$33.00
Wall E Skin	luan	2	4x8	\$14.00	\$28.00
Bracing	1x4x16	6	ea	\$11.00	\$66.00
Wagon Framing	2x4x16	6	ea	\$6.00	\$36.00
Wagon Deck	3/4" OSB T/G	2	4x8	\$17.00	\$34.00
Wagon Casters	Stock Casters	6	Stock	\$0.00	\$0.00
Fire box	3/4" MDF	1	4'1x8'1"	\$36.00	\$36.00
Fireplace mantle/hearth	3/4" MDF	1	4'1x8'1"	\$36.00	\$36.00
Trim	Dykes 124- Base Cap	16	lnft	\$1.00	\$16.00

Trim	Dykes 284- Chair Rail	16	Inft	\$2.00	\$32.00
Trim	Dykes 343- Crown	17	Inft	\$4.00	\$68.00
Trim	Dykes 203- Solid Crown	17	Inft	\$2.00	\$34.00
Trim	Dykes 272- Panel Mold	38	Inft	\$1.00	\$38.00
Trim	Dykes 72- Quarter Round	16	Inft	\$1.00	\$16.00
Trim	Dykes 121- Base Cap	14	Inft	\$1.00	\$14.00
Trim	Dykes 165- Crown	14	Inft	\$2.00	\$28.00
Trim- 1x Crown Cap	1x4x16	1	ea	\$11.00	\$11.00
Trim- 1x Base	1x4x16	1	ea	\$11.00	\$11.00
	---	0	--	\$0.00	\$0.00
				Total	\$924.00

* Considered Rep Common Element

Summer 2016
Blithe Spirit

2. Unit B- Walls

Unit B is the dowstage portion of the center unit. This unit has a front and a back wall. It is constructed of a series of hollywood flats, purchased columns, a bookcase wall and bookcase insert, and duv covered flats surrounding the unit. The unit is complete with trim.

Build

Task	Crew #	Hours	Total
Fabricate Bookshelf Wall	2	4	8
Fabricate Bookshelf Inserts- Including all trim	2	10	20
Fabricate Front Walls	4	8	32
Trim front walls	2	8	16
Fabricate Duv surround including installing duvetyn	2	10	20
Fabricate Back Walls	4	8	32
Trim Back Walls	4	4	16
Fabricate Column Pedestals	1	3	3
Fabricate built columns	1	4	4
Trim columns	1	4	4
Fabricate Stair Wall	2	6	12
Trim Stair Wall	2	4	8
Fabricate Stairs- All Parts	2	12	24
Fabricate top of stair backer wall	1	2	2
	0	0	0
	0	0	0
Total			201

Load In

Task	Crew #	Hours	Total
Assemble all components with wagon	4	10	40
	0	0	0
	0	0	0
Total			40

Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Bookshelf Wall Framing	1x4x16	10	ea	\$11.00	\$110.00
Bookshelf Wall Skin	Luan	5	4x8	\$14.00	\$70.00
Bookshelf Insert Frame	3/4" Plywood BC	2	4x8	\$36.00	\$72.00
Bookshelf Insert Face	3/4" MDF	2	4'1x8'1"	\$36.00	\$72.00
Bookshelf Insert Shelves	3/4" MDF	1	4'1x8'1"	\$36.00	\$36.00
Bookshelf Insert Trim	Dykes 205- Solid Crown	14	lnft	\$2.00	\$28.00
Bookshelf Insert Trim- Arch Trim	Misc. Hardware	1	ea	\$25.00	\$25.00
Bookshelf Insert Trim	Dykes 153- Nose/Cove	10	lnft	\$1.00	\$10.00
Bookshelf Insert Trim	Dykes 272- Panel Mold	21	lnft	\$1.00	\$21.00
Bookshelf Insert Trim	Dykes 203- Solid Crown	10	lnft	\$2.00	\$20.00
Bookshelf Insert Trim	Dykes 124- Base Cap	14	lnft	\$1.00	\$14.00

Bookshelf Insert Trim- base 1x	1x4x16	1	ea	\$11.00	\$11.00
Front Wall Frame	1x4x16	28	ea	\$11.00	\$308.00
Front Wall Frame	3/4" Plywood CDX	2	4x8	\$27.00	\$54.00
Front Wall Skin	Luan	12	4x8	\$14.00	\$168.00
Front Wall Paneling	3/4" MDF	8	4'1x8'1"	\$36.00	\$288.00
Front Wall Trim	Dykes 24- Moldings/Beads	12	lnft	\$1.00	\$12.00
Front Wall Trim	Dykes 124- Base Cap	8	lnft	\$1.00	\$8.00
Front Wall Trim	Dykes 193- Solid Crown	12	lnft	\$1.00	\$12.00
Front Wall Trim	Dykes 195- Solid Crown	12	lnft	\$1.00	\$12.00
Front Wall Trim	Dykes 203- Solid Crown	33	lnft	\$2.00	\$66.00
Front Wall Trim	Dykes 343- Crown	33	lnft	\$4.00	\$132.00
Front Wall Trim	1x4x16	1	ea	\$11.00	\$11.00
Front Wall Trim	1x12x16	1	ea	\$31.00	\$31.00
Masking Wall Frame	1x4x16	16	ea	\$11.00	\$176.00
Masking Wall Skin	Luan	9	4x8	\$14.00	\$126.00
Masking Wall Skin	118" Duvetyn	6	yd	\$15.00	\$90.00
Masking Wall Skin	54" 8 oz. Duvetyn	11	yd	\$7.00	\$77.00
Return Walls frame	1x4x16	6	ea	\$11.00	\$66.00
Return Wall skin	Luan	4	4x8	\$14.00	\$56.00
Back Wall Frame	1x4x16	8	ea	\$11.00	\$88.00
Back Wall Frame	1x10x16	5	ea	\$24.00	\$120.00
Back Wall Frame	3/4" Plywood CDX	1	4x8	\$27.00	\$27.00
Back Wall Skin	Luan	5	4x8	\$14.00	\$70.00
Column Pedestal	3/4" MDF	2	4'1x8'1"	\$36.00	\$72.00
Columns- Purchased	Columns	1	ea	\$351.00	\$351.00
Columns- Built Frame	3/4" Plywood CDX	2	4x8	\$27.00	\$54.00
Columns- Built Skin	1/4" Masonite	2	4x8	\$22.00	\$44.00
Columns- Trim	Dykes 24- Moldings/Beads	10	lnft	\$1.00	\$10.00
Columns- Trim	Dykes 125- Base Cap	10	lnft	\$1.00	\$10.00
Columns- Trim	Dykes 193- Solid Crown	10	lnft	\$1.00	\$10.00
Columns- Trim	Dykes 195- Solid Crown	10	lnft	\$1.00	\$10.00
Stair Wall (SW)- Frame	1x4x16	18	ea	\$11.00	\$198.00
SW- Skin	Luan	8	4x8	\$14.00	\$112.00
Stairs Frame	2x12x16	3	ea	\$21.00	\$63.00
Stairs Treads	3/4" Plywood CDX	6	4x8	\$27.00	\$162.00
Stairs Maso	1/4" Masonite	3	4x8	\$22.00	\$66.00
Stairs Legs	2x4x16	6	ea	\$6.00	\$36.00
Landing Frame	2x4x16	2	ea	\$6.00	\$12.00
Landing Deck	3/4" Plywood CDX	1	4x8	\$27.00	\$27.00
Stairs Cross bracing	1x4x16	2	ea	\$11.00	\$22.00
Stairs Nosing	Dykes 43 Half Round	80	lnft	\$1.00	\$80.00
Stair Brackets	Right Stair Bracket Ornamental	5	ea	\$15.00	\$75.00
Spindles	Home Depot Spindles	10	ea	\$2.00	\$20.00
Handrail	HD Hand Rail	1	ea	\$75.00	\$75.00
Newel Post	Newl Post Full	1	ea	\$33.00	\$33.00
Stair Facing	3/4" MDF	2	4'1x8'1"	\$36.00	\$72.00
Stair Facing Molding	---	0	--	\$0.00	\$0.00
Stage Left Side Wall- Frame	1x10x16	3	ea	\$24.00	\$72.00
SL Side Wall- Skin	Luan	1	4x8	\$14.00	\$14.00
Wall D	1x4x16	2	ea	\$11.00	\$22.00
Wall D	Luan	1	4x8	\$14.00	\$14.00

Back Wall Trim	Dykes 124- Base Cap	16	Inft	\$1.00	\$16.00
Back Wall Trim	1x4x16	1	ea	\$11.00	\$11.00
Back Wall Trim	Dykes 153- Nose/Cove	10	Inft	\$1.00	\$10.00
Back Wall Trim	Dykes 203- Solid Crown	80	Inft	\$2.00	\$160.00
Back Wall Trim	Dykes 205- Solid Crown	22	Inft	\$2.00	\$44.00
Back Wall Trim	Dykes 252- Panel Mold	32	Inft	\$1.00	\$32.00
Back Wall Trim	Dykes 272- Panel Mold	80	Inft	\$1.00	\$80.00
	---	0	--	\$0.00	\$0.00
	---	0	--	\$0.00	\$0.00
	---	0	--	\$0.00	\$0.00
	---	0	--	\$0.00	\$0.00
				Total	\$4,576.00

* Considered Rep Common Element

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3. Unit B, C, & D Wagons

Unit B, C, and D wagons are the base for the entire center unit. They break for rep.

Build

Task	Crew #	Hours	Total
Fabricate Wagon B including installing Casters	2	8	16
Fabricate Wagon C including installing Casters	2	4	8
Fabricate Wagon D including installing Casters	2	4	8
Install rep connections	2	4	8
	0	0	0
	0	0	0
		Total	40

Load In

Task	Crew #	Hours	Total
Troubleshoot rep connections	2	2	4
	0	0	0
		Total	4

Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Wagon B Framing	2x4x16	18	ea	\$6.00	\$108.00
Wagon B Deck	3/4" OSB T/G	9	4x8	\$17.00	\$153.00
Wagon B Deck	1/4" MDF	10	4'1x8'1"	\$15.00	\$150.00
Wagon B Casters	Stock Casters	20	Stock	\$0.00	\$0.00
Wagon B Trim	Dykes 153- Nose/Cove	18	lnft	\$1.00	\$18.00
Wagon C Framing	2x4x16	11	ea	\$6.00	\$66.00
Wagon C Deck	3/4" OSB T/G	6	4x8	\$17.00	\$102.00
Wagon C Deck	1/4" MDF	6	4'1x8'1"	\$15.00	\$90.00
Wagon C Casters	Stock Casters	16	Stock	\$0.00	\$0.00
Wagon C Framing	2x4x16	7	ea	\$6.00	\$42.00
Wagon C Deck	3/4" OSB T/G	3	4x8	\$17.00	\$51.00
Wagon C Deck	1/4" MDF	3	4'1x8'1"	\$15.00	\$45.00
Wagon C Casters	Stock Casters	10	Stock	\$0.00	\$0.00
	---	0	--	\$0.00	\$0.00
	---	0	--	\$0.00	\$0.00
				Total	\$825.00

* Considered Rep Common Element

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4. Unit C- Walls

Unit C walls are all 1x4 framed hollywood flats covered with luan and MDF for panel look. The unit is broken down into sections but will not be broken apart for rep. The walls are complete with crown and double doors at center. This walls will ride with the wagon for rep.

Build

Task	Crew #	Hours	Total
Fabricate All Walls including paneling and trim	2	12	24
Install to wagon and finish trim as needed	2	12	24
Hang Doors	2	2	4
	0	0	0
		Total	52

Load In

Task	Crew #	Hours	Total
Install with other wagons- troubleshoot rep connections	4	3	12
	0	0	0
	0	0	0
		Total	12

Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Wall Framing	1x4x16	15	ea	\$11.00	\$165.00
Wall Skin	Luan	8	4x8	\$14.00	\$112.00
Wall Paneling	3/4" MDF	3	4'1x8'1"	\$36.00	\$108.00
Home Depot Doors	HD JW137000550	2	ea	\$50.00	\$100.00
Returns	3/4" Plywood BC	1	4x8	\$36.00	\$36.00
Trim	Dykes 124- Base Cap	28	lnft	\$1.00	\$28.00
Trim	1x4x16	28	ea	\$11.00	\$308.00
Trim	Dykes 205- Solid Crown	28	lnft	\$2.00	\$56.00
Trim	Dykes 244- Casing	25	lnft	\$2.00	\$50.00
Jacks	1x4x16	4	ea	\$11.00	\$44.00
	---	0	--	\$0.00	\$0.00
	---	0	--	\$0.00	\$0.00
			Total		\$1,007.00

* Considered Rep Common Element

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5. Unit D Walls

The unit D walls are the backer walls as masking through the up-center "Kitchen" doors. This wall will ride with the wagon for rep.

Build

Task	Crew #	Hours	Total
Fabricate Wall including trim	2	6	12
Fabricate Jacks	1	2	2
Install to wagon and finish trim as needed	3	2	6
	0	0	0
		Total	20

Load In

Task	Crew #	Hours	Total
Install with other wagons- troubleshoot rep connections	3	2	6
	0	0	0
		Total	6

Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Frame	1x4x16	12	ea	\$11.00	\$132.00
Skin	Luan	6	4x8	\$14.00	\$84.00
Trim	1x4x16	20	ea	\$11.00	\$220.00
Trim	Dykes 124- Base Cap	20	lnft	\$1.00	\$20.00
Jacks	1x4x16	2	ea	\$11.00	\$22.00
	---	0	--	\$0.00	\$0.00
	---	0	--	\$0.00	\$0.00
			Total		\$478.00

* Considered Rep Common Element

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6. Unit E- Wagon and Walls

Unit E is constructed of a series of walls framed hollywood style covered with luan. The unit is complete with a magically operating french door, non-working window, and rides on a wagon for rep.

Build

Task	Crew #	Hours	Total
Fabricate Flipper wall	1	4	4
Fabricate Main Unit Walls	2	8	16
Fabricate windows and install plexi	1	12	12
Fabricate doors and install plexi	1	12	12
Install plexi on windows and doors	1	4	4
Fabricate and Caster Wagon	2	6	12
Install trim on unit	2	6	12
Assemble componentes on wagon	4	8	32
	0	0	0
		Total	104

Load In

Task	Crew #	Hours	Total
Install on stage	2	3	6
	0	0	0
		Total	6

Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
Wagon Frame	2x4x16	4	ea	\$6.00	\$24.00
Wagon Deck	3/4" OSB T/G	3	4x8	\$17.00	\$51.00
Wagon Deck	1/4" Masonite	3	4x8	\$22.00	\$66.00
Wagon Casters	Stock Casters	8	Stock	\$0.00	\$0.00
Wall Framing	1x4x16	14	ea	\$11.00	\$154.00
Wall Framing	1x6x16	6	ea	\$14.00	\$84.00
Wall Skin	Luan	8	4x8	\$14.00	\$112.00
Wall Trim	Dykes 124- Base Cap	8	lnft	\$1.00	\$8.00
Wall Trim	1x4x16	1	ea	\$11.00	\$11.00
Wall Trim	Dykes 153- Nose/Cove	18	lnft	\$1.00	\$18.00
Wall Trim	Dykes 203- Solid Crown	20	lnft	\$2.00	\$40.00
Wall Trim	Dykes 244- Casing	52	lnft	\$2.00	\$104.00
Wall Trim	Dykes 284- Chair Rail	8	lnft	\$2.00	\$16.00
Wall Trim	Dykes 343- Crown	20	lnft	\$4.00	\$80.00
Wall Trim	1x4x16	1	ea	\$11.00	\$11.00
Doors/Windows Frame	3/4" MDF	8	4'1x8'1"	\$36.00	\$288.00
Door/Magic Hardware	Misc. Hardware	3	ea	\$25.00	\$75.00
Door/Window Plexi	Plexi 2'x8'	6	ea	\$54.00	\$324.00
	---	0	--	\$0.00	\$0.00
	---	0	--	\$0.00	\$0.00
			Total		\$1,466.00

* Considered Rep Common Element

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8. Miscellaneous

1 Miscellaneous items: 1 chandelier- discuss unit.

Build

Task	Crew #	Hours	Total
	0	0	0
	0	0	0
Total			0

Load In

Task	Crew #	Hours	Total
Rig Chandelier to Fly	2	6	12
	0	0	0
Total			12

Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
	---	0	--	\$0.00	\$0.00
	---	0	--	\$0.00	\$0.00
Total					\$0.00

* Considered Rep Common Element

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Blithe Spirit

9. Soft Goods *

2 Borders, 1 set of legs, and the Full Stage Blackout Curtain will be used. All will be pulled from DeSale's Stock.

Build

Task	Crew #	Hours	Total
None	0	0	0
	0	0	0
Total			0

Load In

Task	Crew #	Hours	Total
Hang soft goods	6	2	12
	0	0	0
Total			12

Material

Purpose	Material	NUMBER	Unit	UNIT COST	TOTAL COST
	---	0	--	\$0.00	\$0.00
	---	0	--	\$0.00	\$0.00
	---	0	--	\$0.00	\$0.00
Total					\$0.00

* Considered Rep Common Element