

Scenic Build Schedule

Rev Date: 12/5/2019

[illegible]

Spring Awakening		Production Manager: Morgan O Scenic Designer: Kevin McB Technical Director: Duncan JB
Costruction Time: Estimates & Actual		

Unit	Task	Crew Period	Shop Hours	# of Hands		Person hrs	
				Carp	Welder	Carp	Welder
			Est.	Est.	Est.	Est.	Est.
Main Deck	Maso - pull stock (all needed)	0.5	2	4		8	0
	Maso - cut new	1	4	2		8	0
	Maso - layout	0.5	2	6		12	0
	Trough - cut ply	0.5	2	2		4	0
	Trough - cut grate	0.5	2	2		4	0
	Tough - Build	1	4	2		8	0
	Molding - Mill (all of the nose)	2	8	2		16	0
	Molding - attach	1.5	6	2		12	0
	Thrust - Pull Platform (all needed)	0.5	2	2		4	0
	Thrust - Legs	0.5	2	2		4	0
	Thrust - Facing / Skin	0.5	2	2		4	0
Sub Totals:		9	36	28	0	84	0

Unit	Task	Crew Period	Shop Hours	Number of Hands		Person hrs	
				Carp	Welder	Carp	Welder
			Est.	Est.	Est.	Est.	Est.
Stairs	Cut stringers	2	8	2		16	0
	Cut Treads	0.5	2	2		4	0
	Cut Risers	0.5	2	2		4	0
	Build Riser router jig	1	4	1		4	0
	Route Risers	1.5	6	1		6	0
	Make landing Platforms	1	4	2		8	0
	Make Legs	0.5	2	2		4	0
	Attach Rivets	0.5	2	2		4	0
Sub Totals:		7.5	30	14	0	50	0

Unit	Task	Crew Period	Shop Hours	Number of Hands		Person hrs	
				Carp	Welder	Carp	Welder
			Est.	Est.	Est.	Est.	Est.
Second Story	Stress Skins - cut lumber	1	4	1		4	0
	Stress Skins - Assemble	2	8	4		32	0
	paint?	1	4	2		8	0
	Plug platforms - build	2	8	2		16	0
	Legs - cut	0.5	2	2		4	0
	Legs - fabricate	2	8		1	0	8
	Facing - cut	0.5	2	2		4	0
	facing / molding - build	0.5	2	2		4	0
	structural steel - cut	0.5	2	1		2	0
	structural steel - fabricate	2	8		1	0	8
Sub Totals:		12	48	16	2	74	16

Unit	Task	Crew Period	Shop Hours	Number of Hands		Person hrs	
				Carp	Welder	Carp	Welder
			Est.	Est.	Est.	Est.	Est.
Columns / Arches	CNC arch pieces	3	12	1		12	0
	Cut casing ply	1	4	2		8	0
	Mill Molding	2	8	2		16	0
	Building columns	1	4	4		16	0
	Attach molding	2	8	2		16	0
	assemble arches	2	8	2		16	0
Sub Totals:		11	44	13	0	84	0

Unit	Task	Crew Period	Shop Hours	Number of Hands		Person hrs	
				Carp	Welder	Carp	Welder
			Est.	Est.	Est.	Est.	Est.
Railings	Cut Steel box tube	1.5	6	2		12	0
	Cut Steel for tabs	1	4	1		4	0
	bend tabs	1	4	1		4	0
	drill steel	1	4	2		8	0
	Weld frames	3	12		1	0	12
	Attach balls	2	8		1	0	8
	attach bases	2	8		1	0	8
Sub Totals:		11.5	46	6	3	28	28

Unit	Task	Crew Period	Shop Hours	Number of Hands		Person hrs	
				Carp	Welder	Carp	Welder
			Est.	Est.	Est.	Est.	Est.
Walls	Pull stock	0.5	2	2		4	0
	Cut lumber for flats	0.5	2	1		2	0
	build flats	1	4	4		16	0
	cut and attach brick	2	8	4		32	0
	side windows - cut lumber	1	4	1		4	0
	side windows - assemble	1	4	2		8	0
	detailing - cut and attach	1	4	2		8	0
	Knee Wall - Build	1	4	2		8	0
	Header - Build	1	4	2		8	0
Sub Totals:		9	36	20	0	90	0

Unit	Task	Crew Period	Shop Hours	Number of Hands		Person hrs	
				Carp	Welder	Carp	Welder
			Est.	Est.	Est.	Est.	Est.
Sliding Windows	Cut steel	2	8	2		16	0
	Layout Jig	1	4		1	0	4
	weld frames	5	20		1	0	20
	cut and attach tack strips	1	4	4		16	0
	Attach screen	1	4	4		16	0
	Headers	1	4	2	1	8	4
	Rigging	2	8	2	1	16	8
Sub Totals:		13	52	14	4	72	36

Unit	Task	Crew Period	Shop Hours	Number of Hands		Person hrs	
				Carp	Welder	Carp	Welder
				Est.	Est.	Est.	Est.
Header / Pillars	Crown - cut ply & luan	2	8	2		16	0
	Crown - build beams	1	4	2		8	0
	crown - build louvre holders	1	4	2		8	0
	Crown - build structure	2	8	4		32	0
	Crown - Add louvres	1	4	2		8	0
	Floating - Cut ply	1	4	2		8	0
	Floating - build beams	1.5	6	2		12	0
	Floating - build structure	2	8	4		32	0
	Rigging - attach points	1	4	2		8	0
	Columns - cut ply	1.5	6	2		12	0
	Columns - Build sub assemblies	2	8	4		32	0
	Columns - build structure	2	8	4		32	0
	All - Add detail (Rivets!)	2	8	2		16	0
	Sub Totals:	20	80	34	0	224	0

Unit	Task	Crew Period	Shop Hours	Number of Hands		Person hrs	
				Carp	Welder	Carp	Welder
				Est.	Est.	Est.	Est.
General	Wheat	4	16	4		64	0
	Trees	5	20	4		80	0
	Sub Totals:	9	36	8	0	144	0

Unit	Task	Crew Period	Shop Hours	Number of Hands		Person hrs	
				Carp	Welder	Carp	Welder
				Est.	Est.	Est.	Est.
Trial Assem	Second floor w/ stairs	2	8	6	1	48	8
	Crown & Columns	2	8	6		48	0
	Floating Truss	2	8	6		48	0
	Sliding windows	2	8	6	1	48	8
	Sub Totals:	8	32			192	16

	Shop Hours	Number of Hands		Person hrs	
		Carp	Welder	Carp	Welder
		Est.	Est.	Est.	Est.
Totals				1042	96

1138

Available

Days until Load in (?) = 35

Total Shop Hours = 140

Total Person Hours (Crew) = 1120

Total Person Hours (Welder) = 140

of crew = 8

of welders = 1

1260

Spring Awakening: Scenic Load In / Tech Schedule

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday		
Date	13	14	15	16	17 - Load in Starts	18	19		
Time	Fall Break			2 pm - 6 pm	2 pm - 6 pm		9 am - 1 pm		
Shared w/					Lx, Sound		Lx		
Crew									
Primary Tasks				Pack Truck	Finish Arches	Light Troughs		Install Floor	Prep False Pro

Time																7 pm - 11 pm			7 pm - 11 pm			7 pm - 11 pm		
Shared w/																Lx, Sound			Sound			Lx, Sound		
Crew																								
Primary Tasks													Truck scenery to Freedman	Rig Floating Trusses		Finish Floor	Rig False Pro Header		Raise and install 2nd level frame					

Date	20			21			22			23			24			25			26				
Time	2pm - 6pm			2pm - 6pm						2pm - 6pm						2 pm - 6 pm			2 pm - 6 pm				
Shared w/	Lx, Sound									Lx, Sound						Lx, Props			Sound				
Crew																		DJB, LM, OM, JB, AC	KD, PH, CE, LE	SW, MF, AH	DJB, LM, OM, JB, AC	KD, PH, CE, LE	SW, MF, AH
Primary Tasks	2nd Level Platforms			Stairs	Light Trough					Walls	Windows							Stock platforms	Brick Walls	Facing (shop)	False Pro Platforms	Walls	
																		Stress skins		Columns (Shop)			
																				Wheat (Shop)			

Time	7pm - 11pm			7pm - 11pm			7 pm - 11 pm			7 pm - 11 pm			7 pm - 11 pm			7 pm - 11 pm					
Shared w/							Lx, Sound						7 pm - 11 pm Sound			7 pm - 11 pm Sound					
Crew																					
Primary Tasks	2nd Level Platforms	Stairs		Thrust	Walls		Walls	Windows					DJB, LM, OM, JB, AC	KD, PH, CE, LE	SW, MF, MKF, DK	DJB, LM, OM, JB, AC	KD, PH, CE, LE	SW, MF, AH	DJB, LM, OM, JB, AC	KD, PH, CE, LE	SW, MF, AH
													Stock Platforms SR Stairs	Brick Walls	Columns (shop)	SL stairs	Concrete Walls	Windows	False Pro Escape Stairs	Walls	

Date	27			28			29			30			31			1			2		
Time	Dark			2 pm - 6 pm						2 pm - 6 pm						2 pm - 6 pm					
Shared w/				Lx, Props, SM, MoCo (tension and lock windows)						Lx FOCUS									Spacing		
Crew																					
Primary Tasks				Escape Plats	Walls	Windows				Finish columns	Work on					Notes					
				Escape stairs		Light Troughs				in shop	footlight	troughs									

[illegible]

9:30am-12pm																				9:30am-12pm						9:30am-12pm						9:30am-12pm																	
Date	3						4						5 - Tech starts						6						7						8						9												
Time	1pm - 5pm						2pm - 6pm						Paints						2pm - 6pm												2pm - 6pm						9:30am - 5pm												
Shared w/																																																	
Crew	DJB, KD, PH, MF	AH, LM, LE, CE	SW, OM, AC	PH, MF	SW, CE, AC	DJB																																											
Primary Tasks	Upper Columns & Arches	Stair Railings	Landing railings	US Columns US Rail	Facing	J-B Welding								Notes MKF, JB,	Shop Landing legs Side windows	Paints LE, DK											Notes All?	Install back wall bits Light troughs				Staff	9:30am - 12:30 band seating																
	MKF, DK	JB		KD, LM	AH	JB																																											
	Wheat	Windows		Landing legs Iron Banding	Light Troughs MKF, OM Wheat	Windows DK Paints																																											

Time	6pm - 10pm			7pm - 11pm			7pm - 11pm			7pm - 11pm			7pm - 11pm			7pm - 11pm			7pm - 11pm		
Shared w/																					
Crew	DJB, KD, PH, MF	AH, LM, LE, CE	SW, OM, AC											5:30-6:00							
Primary Tasks	Upper Columns & Arches	Top railings	lower arches lower columns			Band Toe Rail Floor ramps Side Windows Rivet board Place SL Tower	TECH MKF, JB	Iron Banding Rivets board MF, PH, Staff	Paints LE, DK	TECH MF, PH			Sweep & mop LE, DK, OM	Shop MKF, JB, MF PH, Staff		TECH			TECH		
	MKF, DK Wheat	JB Windows											Tech 7-11							9pm - 11pm Intimacy	

Date	10			11			12			13			14 - Opening night			15			16		
Time	11am - 4pm			2pm - 6pm						2pm - 6pm											
Shared w/																					
Crew	10:30-11																				
Primary Tasks	Sweep & Mop			Notes						Last chance	Crew Picture										
	LM, MKF, DK			All						Notes											

Time	6pm - 6:30pm			6pm - 11pm			6pm - 6:30p			6pm - 6:30p			6pm - 6:30p			6pm - 6:30p			6pm - 6:30pm		
Shared w/	Dress Rehearsal			Dress Rehearsal			Dress Rehearsal			Dress Rehearsal / Campus Night			Show			Show			Show		
Crew	AH, JB, LE						OM, MF, PH			LM, MKF, DK			AH, JB, LE	DJB		OM, MF, PH	DJB		LM, MKF, DK	SW	
Primary Tasks	Sweep & Mop						Sweep & Mop			Sweep & Mop			Sweep & Mop	On Hand		Sweep & Mop	On Hand		Sweep & Mop	On Hand	

Date	17			18			19			20			21			22			23		
Time	12:30pm - 1pm																				
Shared w/	Show (Matinee)																				
Crew	AH, JB, LE	DJB																			
Primary Tasks	Sweep & Mop	On Hand																			

Time										3:30pm - 4pm			6pm - 6:30p			6pm - 6:30p			6pm - 6:30p		
Shared w/										Brush Up Rehearsal			Show			Show			Show		
Crew										OM, MF, PH	SW		LM, MKF, DK	SW		AH, JB, LE	DJB		OM, MF, PH	DJB	
Primary Tasks										Sweep & Mop	On Hand		Sweep & Mop	On Hand		Sweep & Mop	On Hand		Sweep & Mop	On Hand	

Spring Awakening '19: Scenic Strike Planning

Order	Unit	Where to	Required Tools	Required Resources	General how to...
1	Side Masking Walls	Dumpster / Shop	Sq Drive		Remove add-on and brick from stock flats, stack with other stock for transport to storage.
2	Wheat	Dumpster	Hammers, gloves		Move to loading dock. Flatten and throw away.
3	Light Troughs	Dumpster	Sq Drive		Remove from around lighting units, and throw out.
4	Facing	Dumpster	Sq Drive		Remove and throw out.
5	Thrust	Central	Sq Drive		Remove skin and Facing. Stack with other stock for transport to storage.
6	Railing	Metal bone yard	7/16 & 9/16 tech. Impact		Unbolt all connection pieces. Unbolt from deck. Remove one at a time. Stack in metal bone yard.
7	Columns (Lower)	Dumpster	Sq Drive, hammer		Remove back panel. Use hammer to knock top forward, pry free from floor.
8	Arches (Lower)	Dumpster	Sq & Ph drive, hammer		Remove Tek screws. Use Hammer to knock away from legs.
9	Columns & Arches (Upper)	Dumpster	Sq Drive		Remove span sections. Detach from False Pro and floor. Lower Column and Arch together.
10	Back Wall	Dumpster / Shop	Sq Drive	Lift US of walls	
11	Sliding Windows	Steel Dumpster	SawsAll (demo blades), pry	Motor control	SawsAll sections from bottom of windows. Remove wood, stack steel for transport to metal dumpster.
12	MoCo Truss	Shop	Truss wrenches	Motor control	Remove FastTrack sections. Unrig truss. Strike motors.
13	Second Level Platforms	Dumpster / Shop	Coffin Lock key, 9/16 tech, Sq drive		Remove stress skin platforms and throw out. Remove stock platforms not attached to stairs, and stack with stock for transport to storage.
14	Stairs	Dumpster	9/16 tech	Secured 2nd level	Once Second level is secure via x-bracing or to batten, unbolt from platforms and lower. Throw out.
15	Escape Stairs	Shop	9/16 tech, Sq drive	Secured 2nd level	Repackage and stack with stock for transport to storage. Do not save legs. Remove top 3/4" connection plate.
16	Second Level Steel	Blue Building / Shop	9/16 tech	2 pairs of large span sets. 6 dollies for each beam	Secure to batten with span sets. Add ~100#s to eash arbor, wrap and stab. Remove toggles. Remove legs. Slip batten in and land beam on dollies. Unbolt beams and transport 10'+ to storage. 10'- to Blue Building.
17	False Pro Towers	Dumpster	Sq Drive	Block & Fall, 2 dollies each, Lift DS	Disconnect from header. Attach Block & Fall from Lift. Walk to under pick point. Lift and set on dolly. Roll bottom DS while lowering top. Land on second dolly. Roll to dock to break up and roll into dumpster.
18	False Pro Header	Dumpster		2 large span sets, Lift DS, 2 Motors, Motor control	Set motors. Span sets around unit and make connection to motors from lift. Take weight with motors. Disconnect from grid. Lower with motors onto dollies. Roll to dock for break up and dumpster.
19	Floating Truss	Dumpster		2 large span sets, Lift DS, 2 Motors, Motor control	Set motors. Span sets around unit and make connection to motors from lift. Take weight with motors. Disconnect from grid. Lower with motors onto dollies. Roll to dock for break up and dumpster.
20	Floor	Dumpster	Sq Drive		Remove and throw out. (Save 6 sheets for Props)