Spring Awakening '19 Scenic Build Schedule

Team Staff Team Skylar				Scenic Build Schedule	Rev Date: 12/5/2019	
Team Duncan Team Luke Team Kevin Team Olivia Team Ashley Team Props						Load in Starts
On Paint Deck In Storage		September			October	
Task 18	19 20	21 22 23 24 25 26		1 2 3 4 5 6	7 8 9 10	11 12 13 14 15 16 17
Floating Truss Build Structure		Paint De	eck	Trailer		
JC seams Add Rivets						
Add Rigging Hardware						
Floor						
Cut Custom Pieces Layout for Paints	int Deck					
Pick up from Paint Deck			Trailer			
Stairs (Lower) Cut Lumber		Paint Deck				
Drill Risers Assemble						
Attach molding and rivets						
Sliding Windows		х	Paint Deck	To Paints		Trailer
Cut Steel Weld Frames						
Nailing Strips Skin and JC						
Holes for Bradlee						
Stairs (Upper)		х	Paint Deck			
Cut Stringers Cut Treads and Risers						
Drill Risers Assemble						
Attach molding and rivets						
Railings Cut Steel & Drill Tabs				Paint Deck		
Layout Jigs						
Weld Check Heights						
False Pro					Paint Deck Paint Deck	
Columns: Cut lumber Columns: Assemble						
Header: Cut Lumber						
Header: Assemble All: Apply Details						
Attach Hardware Cloth Rigging Hardware						
Second Level Platforms					Paint Deck	
Cut Lumber Assemble Stress Skins						
Pull Stock platforms Build side plugs						
Facing					Paint Deck	
Cut Lumber					Faint Deck	
Apply molding and details Legs & Support Beams						
Cut Steel						
Weld Brackets						
Trough Cut Lumber					PD	
Cut Perforated MDF Assemble						
Add Molding & Rivets						
Arches CNC parts						PD
Assemble						
Walls Pull flats					PD All Brick Paints	
Build plugs						
Build windows Apply bricks and details						
Columns	+ + -					PD
Cut lumber Assemble						
Wheat	+ + -					
Build base Layin Wheat w/ Props (Load In)						
Trial Assemble			 			
2nd Level platforms (grounded)						
Truss & Track for windows 2nd Level frame						
Escape stairs	+ + -					
Pull Stair units & Platforms Plan Railings						
Plan legs						

Spring Awakening

Production Manager: Morgan O Scenic Designer: Kevin McB Technical Director: Duncan JB

Costruction Time: Estimates & Actual

		Crew Period	Shop	# of I	Hands	Perso	on hrs
Unit	Task		Hours	Carp	Welder	Carp	Welde
			Est.	Est.	Est.	Est.	Est
	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
Deck	Trough - cut grate	0.5	2	2		4	0
n D	Tough - Build	1	4	2		8	0
Main	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

		Crew Period	Shop	Number of Hands		Person hrs	
Unit	Task		Hours	Carp	Welder	Carp	r
			Est.	Est.	Est.	Est.	Est
	Cut stringers	2	8	2		16	0
Stairs	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
Sta	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

		Crew Period	Shop		per or nds	Perso	n hrs
Unit	Task		Hours	Carp	Welder	Carp	r
			Est.	Est.	Est.	Est.	Est
	Stress Skins - cut lumber	1	4	1		4	0
l Story	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
Second	Legs - fabricate	2	8		1	0	8
Sec	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

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

		Crew Period	Shop	Number of Hands		Person hrs	
Unit	Task		Hours	Carp	Welder	Carp	r
			Est.	Est.	Est.	Est.	Est
	Cut Steel box tube	1.5	6	2		12	0
SS	Cut Steel for tabs	1	4	1		4	0
	bend tabs	1	4	1		4	0
Railings	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

		Crew Period	Shop		per of nds	Perso	
Unit	Task		Hours	Carp	Welder	Carp	reide
			Est.	Est.	Est.	Est.	Est
	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
S	cut and attach brick	2	8	4		32	0
Walls	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

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

		Crew Period	Shop		per or nds	Perso	
Unit	Task		Hours	Carp	Welder	Carp	r
			Est.	Est.	Est.	Est.	Est
	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
Pillars	Crown - Add louvres	1	4	2		8	0
Bill	Floating - Cut ply	1	4	2		8	0
_	Floating - build beams	1.5	6	2		12	0
Header	Floating - build structure	2	8	4		32	0
He	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

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

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

	Shop	Numi Ha	per of nds	Perso	
	Hours	Carp	Welder	Carp	r
	Est.	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

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							2 pm - 6 pm						2 pm - 6 pm			9 am - 1 pm					
Shared w/																	Lx, Sound			Lx	
Crew																					
					Fall Break					Pack Truck	Finish Arches	Light Troughs				Install Floor	Prep False Pro		Rig MoCo truss	Start 2nd Level	
Primary Tasks																				steel frame.	
Time														7 pm - 11 pm			7 pm - 11 pm			7 pm - 11 pm	
Shared w/														Lx, Sound			Sound			Lx, Sound	
Crew																					
													Truck scenery	Rig Floating		Finish Floor	Rig False Pro		Raise and		
Primary Tasks													to	Trusses			Header		install 2nd		
													Freedman						level frame		
														1							
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	1		I			Lx, Sound				1	DID 114 O14 ID	Lx, Props		010 114 014 10	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
	2nd Level			Stairs	Light Trough					Walls	Windows					Stock platforms	Brick Walls	Facing (shop)	False Pro	Walls	
Primary Tasks	Platforms															Stress skins		Columns (Shop)	Platforms		
																		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					DJB, LM, OM, JB,	MoCo, Lx, Sound		DJB, LM, OM, JB,	Sound		DJB, LM, OM, JB,		
Crew													AC	KD, PH, CE, LE	SW, MF, MKF, DK	AC AC	KD, PH, CE, LE	SW, MF, AH	AC AC	KD, PH, CE, LE	SW, MF, AH
	2nd Level	Stairs		Thrust	Walls		Walls	Windows					Stock Platforms	Brick Walls	Columns (shop)	SL stairs	Concrete Walls	Windows	False Pro	Walls	
Primary Tasks	Platforms												SR Stairs						Escape Stairs		
						ı		1	1				II.	1	1			1			
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																					
				Escape Plats	Walls	Windows				Finish columns	Work on					Notes					
Primary Tasks				Escape stairs		Light Troughs				in shop	footlight										
											troughs										
Time		Dark			7 pm - 11 pm			7 pm - 11 pm			7 pm - 11 pm			7 pm - 11 pm							
Shared w/				<u> </u>	MoCo (cuing)			Lx, Props		ļ	Lx FOCUS			Lx FOCUS			Spacing			Spacing	
Crew																					
				Escape Stairs	Walls	Arches	Facing	False Pro	Wheat												
Primary Tasks							Railings	Walls													
						l	l	l			1										

	9:30am-12pm Date 3			9:30am-12pm			9:30am-12pm			9:30am-12pm						T .			
Time	3 1pm - 5pm			4			5 - Tech starts			6 2pm - 6pm			7			8		9	
Shared w/	Thui - Shiii		2pm - 6pm Paints						2рт - 6рт					2pm - 6pm		9:30am - 5pm			
Crew	DJB, KD, PH, MF	AH, LM, LE, CE	SW, OM, AC	PH, MF	SW, CE, AC	DJB													
Primary Tasks											Ch	D-1-4-			Notes	t	Staff	9:30am - 12:30	
	Upper Columns & Arches	Stair Railings	Landing railings	US Columns US Rail	Facing	J-B Welding				Notes MKF, JB,	Shop Landing legs	Paints LE, DK			Notes All?	Install back wall bits	Starr	band seating	
J	a rateles			0511011	<u>AH</u>	JB.				141111, 353,	Side windows	LL, DK			7.11.	Light troughs		bund scatting	
J	MKF, DK	<u>JB</u>		KD, LM	Light Troughs	Windows													
J	Wheat	Windows		Landing legs	MKF, OM	<u>DK</u>											Wheat	2pm - 5pm	
				Iron Banding	Wheat	Paints											Crew	Sitzprobe	
There		6pm - 10pm			7 44			7 44			7 44		1					7 44	
Time Shared w/		ьрт - 10рт			7pm - 11pm			7pm - 11pm			7pm - 11pm			7pm - 11pm		7pm - 11pm		7pm - 11pm	
Crew	DJB, KD, PH, MF	AH, LM, LE, CE	SW, OM, AC										5:30-6:00						
Primary Tasks						l													
Priilidry rasks	Upper Columns	Top railings	lower arches			Band Toe Rail	TECH	Iron Banding	Paints	TECH			Sweep & mop	Shop	TECH		TECH		
	& Arches		lower columns			Floor ramps Side Windows	MKF, JB	Rivets board MF, PH, Staff	LE, DK	MF, PH			LE, DK, OM	MKF, JB, MF PH, Staff					
	MKF, DK	JB				Rivet board		WIF, PFI, SLATT					Tech 7-11	rii, Staii					
	Wheat	Windows				Place SL Tower							1001711					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	1			I			1							_				
	Sweep & Mop			Notes						Last chance	Crew Picture								
Delevery Tools	LM, MKF, DK			All						Notes	Crew r lettere								
Primary Tasks																			
							<u> </u>						1						
Time Shared w/		6pm - 6:30pm Dress Rehearsal			6pm - 11pm Dress Rehearsal			6pm - 6:30p Dress Rehearsal		Dress	6pm - 6:30p Rehearsal / Campus	Night		6pm - 6:30p Show		6pm - 6:30p Show		6pm - 6:30pm Show	
Crew	AH, JB, LE	Diess Kenearsar			Diess Keilearsar		OM, MF, PH	Diess Keilearsar		LM, MKF, DK	Keriearsar / Carripus	NIGHT	AH, JB, LE	DJB	OM, MF, PH	DJB	LM, MKF, DK	SW	
	Sweep & Mop						Sweep & Mop			Sweep & Mop			Sweep & Mop	On Hand	Sweep & Mop	On Hand	Sweep & Mop	On Hand	
Primary Tasks																			
Filliary rasks																			
D. L.													1						
Date Time		17 12:30pm - 1pm		18			19			20		21			22		23		
Shared w/		Show (Matinee)																	
Crew	AH, JB, LE	DJB																	
	Sweep & Mop	On Hand																	
Primary Tasks																			
, 10313																			
Tierr											2.20		1	6-m 6-20-		6-m 6:30-		Cam. 6:20a	
Time Shared w/											3:30pm - 4pm Brush Up Rehearsal			6pm - 6:30p Show		6pm - 6:30p Show		6pm - 6:30p Show	
										OM, MF, PH	SW SW		LM, MKF, DK	SW	AH, JB, LE	DJB	OM, MF, PH	DJB	
Crew										1			1		_				
										Sweep & Mop	On Hand		Sweep & Mop	On Hand	Sweep & Mop	On Hand	Sweep & Mop	On Hand	
Crew										Sweep & Mop	On Hand		Sweep & Mop	On Hand	Sweep & Mop	On Hand	Sweep & Mop	On Hand	
										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)