

The Foreigner

General Information

Show Name:	The Foreigner		
Theatre Name:	USF: Randall Theater		
Estimate by:	Thomas Fagerholm		
Material Budget:	\$9,800.00		
Contingency:	10%		\$980.00
Shop Time:	795		
Time Contingency:	1.529	added to each unit	

Show Budget Breakdown

Show Budget		\$ 10,000.00
		\$ -
Props	0%	\$ -
Hardware	2.0%	\$ 200.00
Paint	0%	\$ -
Subtotal		\$ 200.00
Material Budget		\$ 9,800.00

Shop Time Available

Date	Workers	Wks of			Total
		Hrs	Build		
Monday	0	0	0	0	0
Tuesday	0	0	0	0	0
Wednesday	0	0	0	0	0
Thursday	0	0	0	0	0
Friday	0	0	0	0	0
Total:					795

Items not bid:

BRICK PANELING

Page	Unit	Cost Estimate	Time Estimate
1	Main Platforms	\$1,819.86	147
2	Trap Platform	\$264.47	22
3	Escape Platforms	\$754.01	111
4	Porch Platforms	\$483.71	32
5	SR Wall & Main Door	\$2,121.60	188
6	SL Wall & Fireplace	\$1,021.07	91
7	Escape Walls	\$904.26	75
8	Stairs	\$670.42	57
9	Porch Railing	\$135.82	15
10	Trees	\$1,466.25	90
11	11	\$0.00	0
12	12	\$0.00	0
13	13	\$0.00	0
14	14	\$0.00	0
15	15	\$0.00	0
16	16	\$0.00	0
17	17	\$0.00	0
18	18	\$0.00	0
19	19	\$0.00	0
20	20	\$0.00	0
Total:		\$9,641.47	828
Budgeted Amount:		\$9,800.00	795
Surplus (Deficit):		\$158.53	33

Theatre: USF: Randall Theater			Production: The Foreigner			
Date:	12-Feb-20	By:	Thomas Fagerholm			
Unit:	Main Platforms					
Notes:	Changed Step rises/facing to lauan to save \$		Page:	1		
Time Estimate Explanation:					Jump To:	
Wood	Hrs.	Metal	Hrs.	Paint	Hrs.	<u>Main</u>
Cutting	11.25	Clean	2.567	Prime		<u>Price Sheet</u>
Jig	4.75	Cutting	10.0833333	Base		<u>Build Schedule</u>
Layout	14.45	Drill	5.75	Texture		<u>Bill of Materials</u>
Assemble	2.75	Jig	3	Layer 1		<u>Summary Sheet</u>
Face	2.75	Weld	4.8333	Layer 2		
Skin	16	Grind	2.5	Layer 3		96 Est. Time
Molding	1.5	Rig		Layer 4		* 1.529 Contingency
Rig/Hardware	14			Detail		147 Total Time
Install				Sealing		
					Current:	\$ 1,819.86
Call Name	Materials	Unit	Unit Price	Quantity	Cost	
Stl_STS 1.5 16g	1 1/2"x1 1/2" SQ Tube, 16 Gauge	20'	\$21.60	3.00	64.80	
PulpArt_RiverRock	PAS007 River Rock 47"x72"	Ea.	\$54.00			
Ply_1/2_sande	1/2" Sande-plywood	Sht.	\$30.28	25.00	757.00	
Lauan_3/16"	3/16" Lauan; 4' x 8'	Sht.	\$15.98	2.00	31.96	
Ply_1/2_sande	1/2" Sande-plywood	Sht.	\$30.28	1.00	30.28	
Stl_STS 1.5 16g	1 1/2"x1 1/2" SQ Tube, 16 Gauge	20'	\$21.60	11.00	237.60	
Ply_3/4_CD	3/4" CDX Plywood	Sht.	\$34.28	7.00	239.96	
Coffin_Locks_Stock	Coffin Lock - STOCK	Ea.		18.00		
Caster_Tri_USF	USF built Triple Swivel Casters	Ea.		62.00		
Casters_Main_6.3	Casters for Main Deck 6.3" or close	Ea.		4.00		
Stl_FB_1/4"x3"	Flat Bar 3"x1/4" thk.	20'	\$33.12	0.25	\$8.28	
STOCK_4x8_PltFrm	Stock 4'x8' steel platforms	Ea.		16.00		
OSB 3/4"	Oriented Strand Board, 3/4"	Sht.	\$24.38	7.00	170.66	
Pine 2x4x16 D	2x4x16', D Fir	16'	\$9.49	12.00	113.88	
					Sub-Total:	\$ 1,654.42
					Contingency:	\$ 165.44
					Total:	\$ 1,819.86

Theatre: USF: Randall Theater			Production: The Foreigner			
Date:	12-Feb-20		By:	Thomas Fagerholm		
Unit:	Escape Platforms					
Notes:	Do we have something for escapes already?		Page:	3		
Time Estimate Explanation:					Jump To:	
Wood	Hrs.	Steel	Hrs.	Paint	Hrs.	Main
Cutting	2.25	Clean	3.875	Prime		Price Sheet
Jig		Cutting	7.833	Base		Build Schedule
Layout	2	Drill	4.66666667	Texture		Bill of Materials
Assemble	3.25	Jig	10.5	Layer 1		Summary Sheet
Face		Weld	18.91666667	Layer 2		
Skin	3.75	Grind	15.66666667	Layer 3		73 Est. Time
Molding		Rig		Layer 4		* 1.529 Contingency
Rig				Detail		111 Total Time
Install				Sealing		
					Current:	\$ 754.01
Call Name	Materials	Unit	Unit Price	Quantity	Cost	
Stl_STS 1.5 16g	1 1/2"x1 1/2" SQ Tube, 16 Gauge	20'	\$21.60	2.50	54.00	
Stl_FB_1/4"x3"	Flat Bar 3"x1/4" thk.	20'	\$33.12	0.25	8.28	
OSB 3/4"	Oriented Strand Board, 3/4"	Sht.	\$24.38	1.50	36.57	
Casters_Main	Casters for Main Deck 3.35" or close	Ea.		6.00		
Ply_1/2_sande	1/2" Sande-plywood	Sht.	\$30.28	1.50	45.42	
Stl_STS 1.5 16g	1 1/2"x1 1/2" SQ Tube, 16 Gauge	20'	\$21.60	9.50	205.20	
Stl_FB_1/8"x1 1/2"	Flat Bar 1 1/2"x1/8" thk.	20'	\$10.20	1.00	10.20	
OSB 3/4"	Oriented Strand Board, 3/4"	Sht.	\$24.38	3.00	73.14	
Pine 2x10x16 D	2x10x16, D Fir	16'	\$24.20	2.25	54.45	
Stl_STS 1.5 16g	1 1/2"x1 1/2" SQ Tube, 16 Gauge	20'	\$21.60	5.00	108.00	
Stl_1.5L 3/16"	1 1/2"x1 1/2"x3/16" Angle	20'	\$24.10	2.00	48.20	
Stl_STS 1 16g 20'	1" SQ Tube, 16 Gauge	20'	\$14.00	3.00	42.00	
					Sub-Total:	\$ 685.46
					Contingency:	\$ 68.55
					Total:	\$ 754.01

Theatre: USF: Randall Theater			Production: The Foreigner			
Date:	12-Feb-20		By:	Thomas Fagerholm		
Unit:	SR Wall & Main Door					
Notes:			Page:	5		
Time Estimate Explanation:					Jump To:	
Wood	Hrs.	Steel	Hrs.	Paint	Hrs.	Main
Cutting	20.188	Clean	8.500	Prime		<u>Price Sheet</u>
Jig		Cutting	21.250	Base		<u>Build Schedule</u>
Layout	7.510	Drill	2.292	Texture		<u>Bill of Materials</u>
Assemble	24.396	Jig	20.833	Layer 1		<u>Summary Sheet</u>
Face	0.250	Weld	13.500	Layer 2		
Skin		Grind	4.500	Layer 3		123 Est. Time
Molding		Rig		Layer 4		* 1.529 Contingency
Rig				Detail		188 Total Time
Install				Sealing		
					Current:	\$ 2,121.60
Call Name	Materials	Unit	Unit Price	Quantity	Cost	
FoamPink 2"	2" Pink Foam; 4' x 8'	Sht.	\$29.00	1.00	29.00	
Log Siding 8' FOAM	2"x6"x8' Log shaped Foam Planks	8'	\$3.00	44.00	132.00	
Lauan_3/16"	3/16" Lauan; 4' x 8'	Sht.	\$15.98	2.25	35.96	
Lauan_3/16"	3/16" Lauan; 4' x 8'	Sht.	\$15.98	10.00	159.80	
Plexygalss 1/8"	1/8" Plexyglass 4x8 sheet	Sht.	\$114.00	1.50	171.00	
Stl_STS 1 16g 20'	1" SQ Tube, 16 Gauge	20'	\$14.00	30.00	\$420.00	
Ply_1/2_CD X	1/2" CDX Plywood	Sht.	\$24.15	1.50	36.23	
Ply_1/2_sande	1/2" Sande-plywood	Sht.	\$30.28	1.00	30.28	
FoamPink 1"	1" Pink Foam; 4' x 8'	Sht.	\$18.98	1.50	\$28.47	
FoamPink 1"	1" Pink Foam; 4' x 8'	Sht.	\$18.98	1.50	\$28.47	
Ply_1/2_CD X	1/2" CDX Plywood	Sht.	\$24.15	1.50	\$36.23	
Pine 2x6x16 D	2x6x16, D Fir	16'	\$14.74	1.00	\$14.74	
Pine 2x10x16 D	2x10x16, D Fir	16'	\$24.20	0.13	\$3.03	
Stl_STS 1 16g 20'	1" SQ Tube, 16 Gauge	20'	\$14.00	7.00	\$98.00	
Log Siding 8' FOAM	2"x6"x8' Log shaped Foam Planks	8'	\$3.00	8.00	\$24.00	
Pine 2x4x16 D	2x4x16', D Fir	16'	\$9.49	2.00	\$18.98	
Pine 2x6x16 D	2x6x16, D Fir	16'	\$14.74	1.25	\$18.43	
Pine 2x8x10 D	2x8x10', D Fir	10'	\$11.50	1.00	\$11.50	
Ply_3/4_AC	3/4" AC Plywood	Sht.	\$46.08	2.00	\$92.16	
Plexygalss 1/8"	1/8" Plexyglass 4x8 sheet	Sht.	\$114.00	1.00	\$114.00	
Ply_1/2_sande	1/2" Sande-plywood	Sht.	\$30.28	0.50	\$15.14	
FoamPink 1"	1" Pink Foam; 4' x 8'	Sht.	\$18.98	0.50	\$9.49	
Ply_1/2_CD X	1/2" CDX Plywood	Sht.	\$24.15	0.50	\$12.08	
Ply_1/2_CD X	1/2" CDX Plywood	Sht.	\$24.15	1.00	24.15	
FoamPink 1"	1" Pink Foam; 4' x 8'	Sht.	\$18.98	1.00	\$18.98	
Stl_STS 1 16g 20'	1" SQ Tube, 16 Gauge	20'	\$14.00	10.00	\$140.00	
Stl_STS 1.5 16g	1 1/2"x1 1/2" SQ Tube, 16 Gauge	20'	\$21.60	4.00	\$86.40	
Ply_1/2_sande	1/2" Sande-plywood	Sht.	\$30.28	1.00	\$30.28	
Lauan_3/16"	3/16" Lauan; 4' x 8'	Sht.	\$15.98	2.00	\$31.96	
FoamPink 2"	2" Pink Foam; 4' x 8'	Sht.	\$29.00	2.00	\$58.00	
					Sub-Total:	\$ 1,928.73
					Contingency:	\$ 192.87
					Total:	\$ 2,121.60

Theatre: USF: Randall Theater			Production: The Foreigner			
Date:	12-Feb-20	By:	Thomas Fagerholm			
Unit:	SL Wall & Fireplace					
Notes:	Brick: Painted or paneling?		Page:	6		
Time Estimate Explanation:					Jump To:	
Wood	Hrs.	Steel	Hrs.	Paint	Hrs.	<u>Main</u>
Cutting	10.083	Clean	2.667	Prime		<u>Price Sheet</u>
Jig		Cutting	6.667	Base		<u>Build Schedule</u>
Layout	9.125	Drill	0.667	Texture		<u>Bill of Materials</u>
Assemble	15.333	Jig	8.000	Layer 1		<u>Summary Sheet</u>
Face	1.500	Weld	4.000	Layer 2		
Skin		Grind	1.333	Layer 3		59 Est. Time
Molding		Rig		Layer 4		* 1.529 Contingency
Rig				Detail		91 Total Time
Install				Sealing		
					Current:	\$1,021.07
Call Name	Materials	Unit	Unit Price	Quantity	Cost	
Stl_STS 1 16g 20'	1" SQ Tube, 16 Gauge	20'	\$14.00	16.00	224.00	
Lauan_3/16"	3/16" Lauan; 4' x 8'	Sht.	\$15.98	1.00	15.98	
Lauan_3/16"	3/16" Lauan; 4' x 8'	Sht.	\$15.98	10.00	159.80	
Log Siding 8' FOAM	2"x6"x8' Log shaped Foam Planks	8'	\$3.00	25.00	75.00	
FoamPink 2"	2" Pink Foam; 4' x 8'	Sht.	\$29.00	0.50	14.50	
Ply_1/2_CD X	1/2" CDX Plywood	Sht.	\$24.15	1.00	24.15	
FoamPink 1"	1" Pink Foam; 4' x 8'	Sht.	\$18.98	1.00	\$18.98	
Plexygalss 1/8"	1/8" Plexyglass 4x8 sheet	Sht.	\$114.00	1.00	114.00	
Pine 1x3x08 S	1x3x8', Select	8'	\$10.62	2.00	\$21.24	
Pine 1x6x16 S	1x6x16', Select	16'	\$11.89	3.00	\$35.67	
FoamPink 1"	1" Pink Foam; 4' x 8'	Sht.	\$18.98	0.50	\$9.49	
Ply_1/2_CD X	1/2" CDX Plywood	Sht.	\$24.15	0.50	\$12.08	
Pine 1x6x16 S	1x6x16', Select	16'	\$11.89	6.00	\$71.34	
Lauan_3/16"	3/16" Lauan; 4' x 8'	Sht.	\$15.98	5.00	\$79.90	
FoamPink 2"	2" Pink Foam; 4' x 8'	Sht.	\$29.00	3.00	87.00	
Brick Paneling 1/4"	1/4" 4x8 Hardboard brick paneling	Sht.	\$28.97	2.00	\$57.94	
					Sub-Total:	\$1,021.07
					Contingency:	\$ -
					Total:	\$1,021.07

Theatre: USF: Randall Theater			Production: The Foreigner			
Date:	12-Feb-20	By:	Thomas Fagerholm			
Unit:	Escape Walls		Robert Anderson			
Notes:	Can Moldings here be Foam? Does that save us much? Platform pricing on Escape Platform plate		Page:	7		
Time Estimate Explanation:					Jump To:	
Wood	Hrs.	Steel	Hrs.	Paint	Hrs.	<u>Main</u>
Cutting	4.250	Clean	4.000	Prime		<u>Price Sheet</u>
Jig		Cutting	5.417	Base		<u>Build Schedule</u>
Layout		Drill		Texture		<u>Bill of Materials</u>
Assemble	3.750	Jig		Layer 1		<u>Summary Sheet</u>
Face	5.500	Weld	7.917	Layer 2		
Skin		Grind	7.917	Layer 3		49 Est. Time
Molding	8	Rig		Layer 4		* 1.529 Contingency
Rig				Detail		75 Total Time
Install	2			Sealing		
					Current:	\$ 904.26
Call Name	Materials	Unit	Unit Price	Quantity	Cost	
Stl_STS 1 16g 20'	1" SQ Tube, 16 Gauge	20'	\$14.00	20.00	280.00	
Lauan_3/16"	3/16" Lauan; 4' x 8'	Sht.	\$15.98	8.00	127.84	
Lauan_3/16"	3/16" Lauan; 4' x 8'	Sht.	\$15.98	8.00	127.84	
Pine 1x4x16 S	1x4x16', Select	16'	\$7.21	2.00	14.42	
Plexygalss 1/8"	1/8" Plexyglass 4x8 sheet	Sht.	\$114.00	0.66	75.24	
Stl_STS 1 16g 20'	1" SQ Tube, 16 Gauge	20'	\$14.00	4.00	56.00	
Lauan_3/16"	3/16" Lauan; 4' x 8'	Sht.	\$15.98	3.00	47.94	
Lauan_3/16"	3/16" Lauan; 4' x 8'	Sht.	\$15.98	3.00	47.94	
Pine 1x4x16 S	1x4x16', Select	16'	\$7.21	1.00	7.21	
Plexygalss 1/8"	1/8" Plexyglass 4x8 sheet	Sht.	\$114.00	0.33	\$37.62	
					Sub-Total:	\$ 822.05
					Contingency:	\$ 82.21
					Total:	\$ 904.26

Theatre: USF: Randall Theater			Production: The Foreigner			
Date:	12-Feb-20	By:	Thomas Fagerholm			
Unit:	Stairs					
Notes:	Platform & Columns priced on SR Wall plate Can we CNC carve Balusters?		Page:	8		
Time Estimate Explanation:					Jump To:	
Wood	Hrs.	Steel	Hrs.	Paint	Hrs.	<u>Main</u>
Cutting	4.667	Clean	1.167	Prime		<u>Price Sheet</u>
Jig		Cutting	2.917	Base		<u>Build Schedule</u>
Layout	5.333	Drill	0.667	Texture		<u>Bill of Materials</u>
Assemble	13.083	Jig	6.000	Layer 1		<u>Summary Sheet</u>
Face	1.000	Weld	1.750	Layer 2		
Skin		Grind	0.583	Layer 3		37 Est. Time
Molding		Rig		Layer 4		* 1.529 Contingency
Rig				Detail		57 Total Time
Install				Sealing		
					Current:	\$ 670.42
Call Name	Materials		Unit	Unit Price	Quantity	Cost
LVL_2x8	LVL beam 1.75"x7.25" actual		Ft.	\$3.53	29.00	102.37
Ply_1/2_CD	1/2" CDX Plywood		Sht.	\$24.15	0.50	12.08
Pine 2x12x16 D	2x12x16', D Fir		16'	\$29.07	3.00	87.21
FoamPink 2"	2" Pink Foam; 4' x 8'		Sht.	\$29.00	5.00	145.00
FoamPink 1"	1" Pink Foam; 4' x 8'		Sht.	\$18.98	5.00	94.90
Stl_STS 1 16g 20'	1" SQ Tube, 16 Gauge		20'	\$14.00	7.00	98.00
Lauan_3/16"	3/16" Lauan; 4' x 8'		Sht.	\$15.98	2.00	31.96
FoamPink 1"	1" Pink Foam; 4' x 8'		Sht.	\$18.98	2.00	37.96
					Sub-Total:	\$ 609.48
					Contingency:	\$ 60.95
					Total:	\$ 670.42

Theatre: USF: Randall Theater				Production: The Foreigner			
Date:		12-Feb-20		By:		Thomas Fagerholm	
Unit:		Porch Railing					
Notes:				Page:		9	
Time Estimate Explanation:						Jump To:	
Wood	Hrs.	Steel	Hrs.	Paint	Hrs.	Main	
Cutting	0.917	Clean	0.667	Prime		<u>Price Sheet</u>	
Jig		Cutting	1.667	Base		<u>Build Schedule</u>	
Layout	0.750	Drill	0.583	Texture		<u>Bill of Materials</u>	
Assemble	2.667	Jig	1.000	Layer 1		<u>Summary Sheet</u>	
Face		Weld	1.000	Layer 2			
Skin		Grind	0.333	Layer 3		10	Est. Time
Molding		Rig		Layer 4		* 1.529	Contingenc
Rig				Detail		15	Total Time
Install				Sealing			
						Current:	\$ 135.82
Call Name	Materials		Unit	Unit Price	Quantity	Cost	
Stl_STS 1 16g 20'	1" SQ Tube, 16 Gauge		20'	\$14.00	4.00	56.00	
FoamPink 2"	2" Pink Foam; 4' x 8'		Sht.	\$29.00	1.50	43.50	
Lauan_3/16"	3/16" Lauan; 4' x 8'		Sht.	\$15.98	1.50	23.97	
						Sub-Total:	\$ 123.47
						Contingency:	\$ 12.35
						Total:	\$ 135.82

Theatre: USF: Randall Theater			Production: The Foreigner			
Date:	12-Feb-20	By:	Thomas Fagerholm			
Unit:	Trees		Robert Anderson			
Notes:	<i>Time est for CNC? Does this cut down cutting time</i>	Page:	10			
Time Estimate Explanation:					Jump To:	
Wood	Hrs.	Steel	Hrs.	Paint	Hrs.	Main
Cutting		Clean	4	Prime		<u>Price Sheet</u>
Jig		Cutting	18	Base		<u>Build Schedule</u>
Layout	8	Drill		Texture		<u>Bill of Materials</u>
Assemble	2	Jig	8	Layer 1		<u>Summary Sheet</u>
Face		Weld	6	Layer 2		
Skin		Grind	8	Layer 3		59 Est. Time
Molding		Rig	2	Layer 4		* 1.529 Contingency
Rig	2			Detail		90 Total Time
Install	1			Sealing		
					Current:	\$ 1,466.25
Call Name	Materials		Unit	Unit Price	Quantity	Cost
Ply_1/2_CD X	1/2" CDX Plywood		Sht.	\$24.15	20.00	483.00
FoamPink 2"	2" Pink Foam; 4' x 8'		Sht.	\$29.00	20.00	580.00
Stl_STS 1 16g 20'	1" SQ Tube, 16 Gauge		20'	\$14.00	15.00	210.00
Cheesecloth Bolt 36"	Cheesecloth roll unbleached 36"x100yds		Roll	\$59.95	1.00	59.95
					<u>Sub-Total:</u>	\$ 1,332.95
					<u>Contingency:</u>	\$ 133.30
					<u>Total:</u>	\$ 1,466.25