



# Structural DesignSoft, Inc.

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**Date:** 08-Feb-03  
**Project:** U-Haul's  
**Quote No:** S-123459 **Rev No:** 0  
**Bldg Desc:** Bldg1 - 30x160x8.5 UBC-97  
**Location:** Oak Creek, WI

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## Building Data

Width (ft):	<b>30.00</b>	Building Code:	<b>UBC-97</b>
Length (ft):	<b>160.00</b>	Roof Live Load (psf):	<b>30.00</b>
Front Eave Height (ft):	<b>8.50</b>	Collateral Load (psf):	<b>0.00</b>
Back Eave Height (ft):	<b>8.50</b>	Ground Snow (psf):	<b>10.00</b>
Front Roof Slope (x:12):	<b>0.38</b>	Wind Load(mph):	<b>80</b>
Ridge OffSet (ft):	<b>15.00</b>	Wind Exposure:	<b>C</b>
Data Group:	<b>sdiData</b>	Seismic Zone:	

Mark	Vendor	Description	Qty	Unit Wt	Weight (lbs)	Unit Price	Price (\$)
<b>Framing</b>							
ES-1	SDI	Eave Strut 4*4*2 3/4*16 Ga	8	1.20	192.00	1.50	240.00
ES-1	SDI	Eave Strut 4*4*2 3/4*16 Ga	8	1.20	192.00	1.50	240.00
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					384.00 lbs		\$480.00
P-1	SDI	4x2.5 Z 16 Ga	40	2.05	1,722.00	1.20	1,008.00
C-1	SDI	4x2.5 C 16 Ga	18	2.05	305.00	1.20	179.00
C-1	SDI	4x2.5 C 16 Ga	18	2.05	305.00	1.20	179.00
C-2	SDI	4x2.5 C 16 Ga	2	2.05	35.00	1.20	21.00
C-3	SDI	4x2.5 C 16 Ga	2	2.05	36.00	1.20	21.00
C-4	SDI	4x2.5 C 16 Ga	1	2.05	18.00	1.20	11.00
C-5	SDI	4x2.5 C 16 Ga	2	2.05	36.00	1.20	21.00
C-6	SDI	4x2.5 C 16 Ga	2	2.05	37.00	1.20	21.00
C-7	SDI	4x2.5 C 16 Ga	1	2.05	19.00	1.20	11.00
C-2	SDI	4x2.5 C 16 Ga	32	2.05	566.00	1.20	332.00
C-3	SDI	4x2.5 C 16 Ga	32	2.05	577.00	1.20	338.00
C-4	SDI	4x2.5 C 16 Ga	31	2.05	569.00	1.20	333.00
J-1	SDI	4x2.5 C 16 Ga	30	2.05	509.00	1.20	298.00
J-1	SDI	4x2.5 C 16 Ga	30	2.05	509.00	1.20	298.00

Mark	Vendor	Description	Qty	Unit Wt	Weight (lbs)	Unit Price	Price (\$)
J-2	SDI	4x2.5 C 16 Ga	12	2.05	171.00	1.20	100.00
H-1	SDI	4x2.5 C 16 Ga	15	2.05	245.00	1.20	143.00
H-1	SDI	4x2.5 C 16 Ga	15	2.05	245.00	1.20	143.00
H-2	SDI	4x2.5 C 16 Ga	2	2.05	19.00	1.20	11.00
H-3	SDI	4x2.5 C 16 Ga	3	2.05	29.00	1.20	17.00
H-4	SDI	4x2.5 C 16 Ga	1	2.05	9.00	1.20	5.00
G-1	SDI	4x2.5 C 16 Ga	2	2.05	19.00	1.20	11.00
G-2	SDI	4x2.5 C 16 Ga	5	2.05	49.00	1.20	29.00
G-3	SDI	4x2.5 C 16 Ga	1	2.05	20.00	1.20	12.00
G-4	SDI	4x2.5 C 16 Ga	1	2.05	9.00	1.20	5.00
					4,336.00 lbs		\$2,539.00
TL1-1	SDI	Top Mullion C4 1/4*3*3*16 Ga	14	1.20	33.00	1.50	41.00
TL1-1	SDI	Top Mullion C4 1/4*3*3*16 Ga	14	1.20	33.00	1.50	41.00
TL1-2	SDI	Top Mullion C4 1/4*3*3*16 Ga	1	1.20	1.00	1.50	1.00
TL1-2	SDI	Top Mullion C4 1/4*3*3*16 Ga	1	1.20	1.00	1.50	1.00
					68.00 lbs		\$84.00
TL2-1	SDI	Bot Mullion C4 1/4*3*3*16 Ga	14	1.20	33.00	1.50	41.00
TL2-1	SDI	Bot Mullion C4 1/4*3*3*16 Ga	14	1.20	33.00	1.50	41.00
TL2-2	SDI	Bot Mullion C4 1/4*3*3*16 Ga	5	1.20	6.00	1.50	7.00
TL2-2	SDI	Bot Mullion C4 1/4*3*3*16 Ga	1	1.20	1.00	1.50	1.00
TL2-2	SDI	Bot Mullion C4 1/4*3*3*16 Ga	1	1.20	1.00	1.50	1.00
TL2-8	SDI	Bot Mullion C4 1/4*3*3*16 Ga	2	1.20	1.00	1.50	1.00
					75.00 lbs		\$92.00
PA-4	SDI	Partition L3*3*14*Ga*20'-0"	15	1.20	161.00	1.50	201.00
PA-2	SDI	Partition L3*3*14*Ga*20'-0"	2	1.20	21.00	1.50	26.00
PA-3	SDI	Partition L3*3*14*Ga*20'-0"	2	1.20	21.00	1.50	26.00
					203.00 lbs		\$253.00
RA1	SDI	Rake L4*2*14 Ga	4	12.00	1,440.00	24.00	2,880.00
BA1	SDI	Base Angle L3*3*14Ga*20'-0"	2	24.00	960.00	30.00	1,200.00
HW-252	SDI	Base Clip L4*4*14 Ga	116	0.50	58.00	0.75	87.00

Mark	Vendor	Description	Qty	Unit Wt	Weight (lbs)	Unit Price	Price (\$)
HW-256	SDI	Mini Clip L4*4*14 Ga	114	0.50	57.00	1.00	114.00
RD-B1	SDI	Door Brkt L4*2*14 Ga	72	0.75	54.00	1.00	72.00

<b>Panels</b>
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ROOF-1	MBCI	PBR Panel 26 Ga Galvalume	54	0.94	1,561.00	0.62	1,030.00
WP-1	MBCI	PBR Panel 26 Ga Hawaii Blue	4	0.94	32.00	0.65	22.00
WP-2	MBCI	PBR Panel 26 Ga Hawaii Blue	50	0.94	74.00	0.65	51.00
WP-1	MBCI	PBR Panel 26 Ga Hawaii Blue	4	0.94	32.00	0.65	22.00
WP-2	MBCI	PBR Panel 26 Ga Hawaii Blue	50	0.94	74.00	0.65	51.00
WP-1	MBCI	PBR Panel 26 Ga Hawaii Blue	2	0.94	16.00	0.65	11.00
WP-3	MBCI	PBR Panel 26 Ga Hawaii Blue	2	0.94	16.00	0.65	11.00
WP-4	MBCI	PBR Panel 26 Ga Hawaii Blue	2	0.94	16.00	0.65	11.00
WP-5	MBCI	PBR Panel 26 Ga Hawaii Blue	2	0.94	17.00	0.65	12.00
WP-6	MBCI	PBR Panel 26 Ga Hawaii Blue	2	0.94	17.00	0.65	12.00
WP-2	MBCI	PBR Panel 26 Ga Hawaii Blue	2	0.94	3.00	0.65	2.00
WP-7	MBCI	PBR Panel 26 Ga Hawaii Blue	2	0.94	3.00	0.65	2.00
WP-8	MBCI	PBR Panel 26 Ga Hawaii Blue	2	0.94	3.00	0.65	2.00
WP-9	MBCI	PBR Panel 26 Ga Hawaii Blue	2	0.94	4.00	0.65	2.00
WP-10	MBCI	PBR Panel 26 Ga Hawaii Blue	2	0.94	4.00	0.65	3.00
					311.00 lbs		\$214.00
LP-1	MBCI	StormProofPanel 29 Ga Galvalum	45	0.94	1,262.00	0.65	873.00
LP-2	MBCI	StormProofPanel 29 Ga Galvalum	60	0.94	555.00	0.65	383.00
					1,817.00 lbs		\$1,256.00

<b>Flashings</b>
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CT-JP7	SDI	Mullion Trim (2'-0)	14	10.00	140.00	25.00	350.00
CT-JP7	SDI	Mullion Trim (2'-0)	14	10.00	140.00	25.00	350.00
					280.00 lbs		\$700.00
CT-SM1	SDI	Mullion Trim (1'-0")	5	4.00	20.00	8.00	40.00
CT-CP7	SDI	Corner Mullion Trim (1'-0)	1	5.00	35.00	10.00	70.00
CT-CP7	SDI	Corner Mullion Trim (1'-0)	1	5.00	35.00	10.00	70.00

Mark	Vendor	Description	Qty	Unit Wt	Weight (lbs)	Unit Price	Price (\$)
					70.00 lbs		\$140.00
CT-CM1	SDI	Spl Corner Mullion Trim (6")	2	3.00	6.00	6.00	12.00
CT-SF1	SDI	Jamb Cover Trim	1	3.00	21.00	6.00	42.00
FL-22	SDI	Jamb Trim	1	6.00	44.00	10.00	72.00
CT-SF1	SDI	Jamb Cover Trim	1	3.00	21.00	6.00	42.00
FL-22	SDI	Jamb Trim	1	6.00	44.00	10.00	72.00
CT-HCT1	SDI	Header Cover Trim - 8' Stick	15	9.00	135.00	23.00	345.00
CT-HCT1	SDI	Header Cover Trim - 8' Stick	15	9.00	135.00	23.00	345.00
XCT-HCT1	SDI	Header Cover Trim - 8' Stick	6	9.00	54.00	23.00	138.00
					324.00 lbs		\$828.00
CT-RT3	SDI	Rake Trim	4	20.00	80.00	28.00	112.00
XCT-RT3	SDI	Rake Trim	4	20.00	80.00	28.00	112.00
					160.00 lbs		\$224.00
CT-PB2	SDI	Peak Box w/ Logo 3: 12	4	2.00	0.00	5.00	0.00
CT-HG4	SDI	Gutter - 20'-2 Stick	14	18.00	252.00	30.00	420.00
XCT-HG4	SDI	Gutter - 20'-2 Stick	2	18.00	36.00	30.00	60.00
					288.00 lbs		\$480.00
FL-893	SDI	"R" Panel Gutter Strap	106	0.20	0.00	1.00	0.00
CT-GE4 LEFT	SDI	Gutter End CAP	2	2.00	0.00	5.00	0.00
CT-GE4	SDI	Gutter End CAP	2	2.00	0.00	5.00	0.00
					0.00 lbs		\$0.00
FL-31A	SDI	Down Spout w/ 45Deg Kickouts	18	5.00	90.00	8.00	144.00

Mark	Vendor	Description	Qty	Unit Wt	Weight (lbs)	Unit Price	Price (\$)
FL-797	SDI	Down Spout Straps	36	0.50	0.00	1.00	0.00
CT-CB2 Left	SDI	Corner Box (Gutter to Rake)	2	2.00	0.00	5.00	0.00
CT-CB2 Right	SDI	Corner Box (Gutter to Rake)	2	2.00	0.00	5.00	0.00
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					0.00 lbs		\$0.00
XCT-FL11	SDI	Outside Corner Trim	2	1.20	2.00	1.50	3.00
CT-SCT1	SDI	Special Outside Corner Trim	2	10.00	20.00	15.00	30.00

### Accessories

HW-455	SDI	Inside Closure - "R" Panel	217	0.50	108.00	0.75	163.00
HW-456	SDI	Outside Closure - "R" Panel	20	0.50	10.00	0.75	15.00
HW-546	SDI	Tube Caulking - Clear	2	2.00	4.00	3.00	6.00
HW-552	SDI	Joint Sealer	1	2.00	2.00	3.00	3.00
HW-507	SDI	1/2*3/32 Tape Seal 50' Roll	60	1.00	60.00	3.00	180.00
HW-304	SDI	Paint	2	10.00	20.00	15.00	30.00

### Hardware

Fastener #3A	TFC	#12*1-1/2 SDS ZAC	1594	0.02	32.00	0.17	271.00
Fastener #17A	TFC	#12*1-1/4" SDS	3869	0.02	77.00	0.11	426.00
Fastener #4	TFC	#14*7/8 Laptex ZAC	2152	0.02	43.00	0.07	151.00
Fastener #4A	TFC	#14*7/8 Laptex	470	0.02	9.00	0.17	80.00

Mark	Vendor	Description	Qty	Unit Wt	Weight (lbs)	Unit Price	Price (\$)
Fastener #4A	TFC	#14*7/8 Laptek	68	0.02	1.00	0.17	12.00
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					10.00 lbs		\$92.00
Fastener #1A	TFC	#12*1 SDS NW	4406	0.02	88.00	0.07	308.00
Fastener #4B	TFC	#14*7/8 Laptek Plain	996	0.02	20.00	0.10	100.00
Fastener #14	TFC	1/8 Dia. Pop Rivets	177	0.02	4.00	0.02	4.00
HW-9501A	TFC	1/2* 3 3/4 Wedge Anchors	14	0.20	3.00	1.00	14.00

<b>Doors</b>
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D-1	DBCI	DBCI-8 x 7	15	100.00	1,500.00	100.00	1,500.00
D-1	DBCI	DBCI-8 x 7	15	100.00	1,500.00	100.00	1,500.00
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					3,000.00 lbs		\$3,000.00
D-2	DBCI	DBCI-4 x 7	6	50.00	300.00	50.00	300.00

<b>Insulations</b>
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Bay Insula	BAY INSULA 3" THK WMPVR X 3	12	125.00	1,500.00	125.00	1,500.00
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<b>Total:</b>		19717.00 lbs	\$20701.00
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Price And Freight Detail				
Items	Cost(\$)	Markup(%)	Price(\$)	\$/Sq Ft
Framing	8809.00	10.00	9689.90	2.019
Panels	2500.00	10.00	2750.00	0.573
Accessories	397.00	10.00	436.70	0.091
Hardwares	1366.00	10.00	1502.60	0.313
Flashings	2829.00	15.00	3253.35	0.678
Doors	3300.00	20.00	3960.00	0.825
Insulations	1500.00	20.00	1800.00	0.375
Over Head	0.00	4.00	828.04	0.170
Labor (\$/Sq Ft)	0.00	0.00	7440.00	1.550
Commission	0.00	3.00	621.03	0.130
Engineering Charge	0.00	4.00	828.04	0.170
Sales Tax	0.00	0.00	0.00	0.000
<b>Total</b>	<b>\$20701.00</b>		<b>\$33109.66</b>	<b>6.90</b>

Items	Weight(lbs)	Freight(\$)
Framing	9357.00	0.00
Panels	3689.00	0.00
Accessories	204.00	0.00
Hardwares	277.00	0.00
Flashings	1390.00	0.00
Doors	3300.00	0.00
Insulations	1500.00	0.00
<b>Total</b>	<b>19717.00 lbs</b>	<b>\$ 0.00</b>

**Price and Freight Summary**

Total Price (\$):	33109.66	Total \$/Sqft :	6.90
Total Cost (\$):	20701.00		
Total Weight (lbs) :	19717.00	Total Freight (\$) :	0.00