



Structural DesignSoft, Inc.

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Date:	08-Feb-03	Joe Thompson
Project:	U-Haul's	123 Any St.
Quote No:	S-123459	Rev No: 0
Bldg Desc:	Bldg1 - 30x160x8.5 UBC-97	AnyTown, WI 53000
Location:	Oak Creek, WI	Phone: (414) 222-3333
		Fax: (414) 222-3334

Building Data

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

Mark	Location	Description	Finish	Qty	Length (ft)	Weight (lbs)
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Framing

Eave Struts

ES-1	FSW	Eave Strut 4*4*2 3/4*16 Ga	Red Oxide	8	19'-11 1/2"	192.00
ES-1	BSW	Eave Strut 4*4*2 3/4*16 Ga	Red Oxide	8	19'-11 1/2"	192.00

Purlins

P-1	Roof	4x2.5 Z 16 Ga	Red Oxide	40	21'-0"	1,722.00
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Posts

C-1	FSW	4x2.5 C 16 Ga	Red Oxide	18	8'-3 1/4"	305.00
C-1	BSW	4x2.5 C 16 Ga	Red Oxide	18	8'-3 1/4"	305.00
C-2	LEW	4x2.5 C 16 Ga	Red Oxide	2	8'-7 3/4"	35.00
C-3	LEW	4x2.5 C 16 Ga	Red Oxide	2	8'-9 1/2"	36.00
C-4	LEW	4x2.5 C 16 Ga	Red Oxide	1	8'-11 1/2"	18.00
C-5	REW	4x2.5 C 16 Ga	Red Oxide	2	8'-9 1/4"	36.00
C-6	REW	4x2.5 C 16 Ga	Red Oxide	2	8'-11"	37.00
C-7	REW	4x2.5 C 16 Ga	Red Oxide	1	9'-1"	19.00
C-2	Int	4x2.5 C 16 Ga	Red Oxide	32	8'-7 3/4"	566.00

Mark	Location	Description	Finish	Qty	Length (ft)	Weight (lbs)
C-3	Int	4x2.5 C 16 Ga	Red Oxide	32	8'-9 1/2"	577.00
C-4	Int	4x2.5 C 16 Ga	Red Oxide	31	8'-11 1/2"	569.00
Door Jambs						
J-1	FSW	4x2.5 C 16 Ga	Red Oxide	30	8'-3 1/4"	509.00
J-1	BSW	4x2.5 C 16 Ga	Red Oxide	30	8'-3 1/4"	509.00
J-2	REW	4x2.5 C 16 Ga	Red Oxide	12	6'-11 1/2"	171.00
Headers						
H-1	FSW	4x2.5 C 16 Ga	Red Oxide	15	7'-11 1/2"	245.00
H-1	BSW	4x2.5 C 16 Ga	Red Oxide	15	7'-11 1/2"	245.00
H-2	REW	4x2.5 C 16 Ga	Red Oxide	2	4'-7 1/2"	19.00
H-3	REW	4x2.5 C 16 Ga	Red Oxide	3	4'-9"	29.00
H-4	REW	4x2.5 C 16 Ga	Red Oxide	1	4'-6 1/2"	9.00
Girts						
G-1	Wall	4x2.5 C 16 Ga	Red Oxide	2	4'-7 1/2"	19.00
G-2	Wall	4x2.5 C 16 Ga	Red Oxide	5	4'-9"	49.00
G-3	Wall	4x2.5 C 16 Ga	Red Oxide	1	9'-9"	20.00
G-4	Wall	4x2.5 C 16 Ga	Red Oxide	1	4'-6 1/2"	9.00
Mullions						
TL1-1	FSW	Top Mullion C4 1/4*3*3*16 Ga	Red Oxide	14	1'-11 1/2"	33.00
TL1-1	BSW	Top Mullion C4 1/4*3*3*16 Ga	Red Oxide	14	1'-11 1/2"	33.00
TL1-2	FSW	Top Mullion C4 1/4*3*3*16 Ga	Red Oxide	1	0'-11 1/2"	1.00
TL1-2	BSW	Top Mullion C4 1/4*3*3*16 Ga	Red Oxide	1	0'-11 1/2"	1.00
TL2-1	FSW	Bot Mullion C4 1/4*3*3*16 Ga	Red Oxide	14	1'-11 1/2"	33.00
TL2-1	BSW	Bot Mullion C4 1/4*3*3*16 Ga	Red Oxide	14	1'-11 1/2"	33.00
TL2-2	REW	Bot Mullion C4 1/4*3*3*16 Ga	Red Oxide	5	0'-11 1/2"	6.00
TL2-2	FSW	Bot Mullion C4 1/4*3*3*16 Ga	Red Oxide	1	0'-11 1/2"	1.00
TL2-2	BSW	Bot Mullion C4 1/4*3*3*16 Ga	Red Oxide	1	0'-11 1/2"	1.00
TL2-8	REW	Bot Mullion C4 1/4*3*3*16 Ga	Red Oxide	2	0'-5 1/2"	1.00
Angles						
PA-4	Inside	Partition L3*3*14*Ga*20'-0"	Red Oxide	15	8'-11 1/2"	161.00
PA-2	Inside	Partition L3*3*14*Ga*20'-0"	Red Oxide	2	8'-7 3/4"	21.00

Mark	Location	Description	Finish	Qty	Length (ft)	Weight (lbs)
PA-3	Inside	Partition L3*3*14*Ga*20'-0"	Red Oxide	2	8'-9 1/2"	21.00
RA1	Rake	Rake L4*2*14 Ga	Red Oxide	4	30'-0"	1,440.00
BA1	Base	Base Angle L3*3*14Ga*20'-0"	Red Oxide	2	20'-0"	960.00
Clips						
HW-252		Base Clip L4*4*14 Ga	Red Oxide	116	0'-2 3/4"	58.00
HW-256		Mini Clip L4*4*14 Ga	Red Oxide	114	0'-2"	57.00
RD-B1		Door Brkt L4*2*14 Ga	Red Oxide	72	0'-9"	54.00

Panels

Roof Panels

ROOF-1	Roof	PBR Panel 26 Ga Galvalume	Glume	54	30'-9"	1,561.00
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Wall Panels

WP-1	FSW	PBR Panel 26 Ga Hawaiiin Blue	Sig 200	4	8'-7"	32.00
WP-2	FSW	PBR Panel 26 Ga Hawaiiin Blue	Sig 200	50	1'-7"	74.00
WP-1	BSW	PBR Panel 26 Ga Hawaiiin Blue	Sig 200	4	8'-7"	32.00
WP-2	BSW	PBR Panel 26 Ga Hawaiiin Blue	Sig 200	50	1'-7"	74.00
WP-1	LEW	PBR Panel 26 Ga Hawaiiin Blue	Sig 200	2	8'-7"	16.00
WP-3	LEW	PBR Panel 26 Ga Hawaiiin Blue	Sig 200	2	8'-8 1/4"	16.00
WP-4	LEW	PBR Panel 26 Ga Hawaiiin Blue	Sig 200	2	8'-9 1/4"	16.00
WP-5	LEW	PBR Panel 26 Ga Hawaiiin Blue	Sig 200	2	8'-10 1/2"	17.00
WP-6	LEW	PBR Panel 26 Ga Hawaiiin Blue	Sig 200	2	8'-11 1/2"	17.00
WP-2	REW	PBR Panel 26 Ga Hawaiiin Blue	Sig 200	2	1'-7"	3.00
WP-7	REW	PBR Panel 26 Ga Hawaiiin Blue	Sig 200	2	1'-8 1/4"	3.00
WP-8	REW	PBR Panel 26 Ga Hawaiiin Blue	Sig 200	2	1'-9 1/4"	3.00
WP-9	REW	PBR Panel 26 Ga Hawaiiin Blue	Sig 200	2	1'-10 1/2"	4.00
WP-10	REW	PBR Panel 26 Ga Hawaiiin Blue	Sig 200	2	1'-11 1/2"	4.00

Partition Panels

LP-1	Inside	StormProofPanel 29 Ga Galvalum	Sig 200	45	29'-10"	1,262.00
LP-2	Inside	StormProofPanel 29 Ga Galvalum	Sig 200	60	9'-10"	555.00

Mark	Location	Description	Finish	Qty	Length (ft)	Weight (lbs)
Flashings						
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CT-JP7	FSW	Mullion Trim (2'-0)	Light Stone	14	7'-0"	140.00
CT-JP7	BSW	Mullion Trim (2'-0)	Light Stone	14	7'-0"	140.00
CT-SM1	REW	Mullion Trim (1'-0")	Light Stone	5	7'-0"	20.00
CT-CP7	FSW	Corner Mullion Trim (1'-0)	Light Stone	1	7'-0"	35.00
CT-CP7	BSW	Corner Mullion Trim (1'-0)	Light Stone	1	7'-0"	35.00
CT-CM1	REW	Spl Corner Mullion Trim (6")	Light Stone	2	7'-0"	6.00
CT-SF1	FSW	Jamb Cover Trim	Light Stone	1	7'-0"	21.00
FL-22	FSW	Jamb Trim	Light Stone	1	7'-3"	44.00
CT-SF1	BSW	Jamb Cover Trim	Light Stone	1	7'-0"	21.00
FL-22	BSW	Jamb Trim	Light Stone	1	7'-3"	44.00
CT-HCT1	FSW	Header Cover Trim - 8' Stick	Light Stone	15	8'-0"	135.00
CT-HCT1	BSW	Header Cover Trim - 8' Stick	Light Stone	15	8'-0"	135.00
XCT-HCT1	REW	Header Cover Trim - 8' Stick	Light Stone	6	8'-0"	54.00
CT-RT3	Rake	Rake Trim	Burnished Slate	4	20'-2"	80.00
XCT-RT3	Rake	Rake Trim	Burnished Slate	4	10'-0"	80.00
CT-PB2	Rake	Peak Box w/ Logo 3: 12	Light Stone	4	0'-0"	0.00
CT-HG4	Eave	Gutter - 20'-2 Stick	Light Stone	14	20'-2"	252.00
XCT-HG4	Eave	Gutter - 20'-2 Stick	Light Stone	2	20'-0"	36.00
FL-893	Eave	"R" Panel Gutter Strap	Glume	106	0'-0"	0.00
CT-GE4 LEFT	Eave	Gutter End CAP	Ligth Stone	2	0'-0"	0.00
CT-GE4 RIGHT	Eave	Gutter End CAP	Ligth Stone	2	0'-0"	0.00
FL-31A	Eave	Down Spout w/ 45Deg Kickouts	Light Stone	18	10'-2"	90.00
FL-797	Eave	Down Spout Straps	Light Stone	36	0'-0"	0.00
CT-CB2 Left	Eave	Corner Box (Gutter to Rake)	Ligth Stone	2	0'-0"	0.00
CT-CB2 Right	Eave	Corner Box (Gutter to Rake)	Ligth Stone	2	0'-0"	0.00
XCT-FL11	Corner	Outside Corner Trim	Light Stone	2	8'-7"	2.00
CT-SCT1	Corner	Special Outside Corner Trim	Light Stone	2	8'-7"	20.00

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Accessories

Accessories

HW-455		Inside Closure - "R" Panel	Poly	217	3'-0"	108.00
HW-456		Outside Closure - "R" Panel	Poly	20	3'-0"	10.00
HW-546		Tube Caulking - Clear	Silicone	2	0'-0"	4.00
HW-552		Joint Sealer	Silicone	1	0'-0"	2.00
HW-507		1/2*3/32 Tape Seal 50' Roll	Butyl	60	50'-0"	60.00
HW-304		Paint	Light Stone	2	0'-0"	20.00

Hardware

Hardware

Fastener #3A	Roof	#12*1-1/2 SDS ZAC	Painted	159	0'-0"	32.00
Fastener #17A	Wall	#12*1-1/4" SDS	Painted	386	0'-0"	77.00
Fastener #4	Roof	#14*7/8 Laptek ZAC	Plated	215	0'-0"	43.00
Fastener #4A	Roof	#14*7/8 Laptek	Painted	470	0'-0"	9.00
Fastener #4A	Wall	#14*7/8 Laptek	Painted	68	0'-0"	1.00
Fastener #1A	Frame	#12*1 SDS NW	Painted	440	0'-0"	88.00
Fastener #4B	Inside	#14*7/8 Laptek Plain	Painted	996	0'-0"	20.00
Fastener #14	Wall	1/8 Dia. Pop Rivets	Painted	177	0'-0"	4.00
HW-9501A	Inside	1/2* 3 3/4 Wedge Anchors	Painted	14	0'-0"	3.00

Doors

Doors

D-1	FSW	DBCI-8 x 7	Series 100	15	0'-0"	1,500.00
D-1	BSW	DBCI-8 x 7	Series 100	15	0'-0"	1,500.00
D-2	REW	DBCI-4 x 7	Series 50	6	0'-0"	300.00

Insulations

Insulations

	Roof	BAY INSULA 3" THK WMPVR X 36	WMPVR	12	150'-0"	1,500.00
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