

GABLE 12X12, T OVERHANG ON 3 SIDES - SEE WIND ANALYSIS 1

LOCATION	-DEAD LOAD + UPLIFT LOAD	FASTENER	PROVIDED	OK
RIDGE - 1 SIDE	-6.2X5 + 54.91X5 = 146 PLF	HEADLOK @ 10" OC	1067#	✓
ROOF-WALL	146X4" (MAX) = 595#	5 HEADLOK	6410#	✓
TOP- FRONT	595# + 54.91X11 = 636#	BC52-2/4	780 #	✓
CORNER COLS				
BASE - FRONT	-3X216X10 + 636 = 156#	BC40	510#	✓
CORNER COLS				
FRONT CENTER BEAM-COL	-6.2X3X6 + 595X2 = 1058#	PC4Z	1480#	✓
HEADER - FRONT CENTER COL	-6X3X10 + 1058 = 878#	M5TC28 W/12-12 16d	995#	✓
BASE - FRONT CENTER COL	-6X3X10 + 878 = 398#	SINKERS (OK BETTER)	510#	✓
LATERAL - SLIDING	SIDE: 4140# FRONT: 5480#	12 + 24 6" HEADLOK @ 230 # + A,B,C,D CONNS	8280#	✓

SHED 12X12, T OVERHANG ON 3 SIDES - SEE WIND ANALYSIS 2

LOCATION	-DEAD LOAD + UPLIFT LOAD	FASTENER	PROVIDED	OK
ROOF-WALL	-6.2X7+40.34X4+28.08X5= 289 PLF	HEADLOK @ 10" OC	1067#1LF	✓
TOP- FRONT	-6.2X3X3+40.34X3X3=307#	RTC44	2140 #	✓
CORNER COLS				
BASE - FRONT	-6X3X10 + 307 = 0#	RTC44	2140 #	✓
CORNER COLS				
TOP - FRONT CENTER COL	-6.2X6X8 + (40.34X4+28.08X3)X6 = 1250#	PC4Z	1480#	✓
BASE - FRONT CENTER COL	-6X3X10 + 1250 = 771#	BC40 W/2 1/2" 5D SCREWS	805#	✓
LATERAL - SLIDING	SIDE: 3040# FRONT: 4200#	28 + 20 6" HEADLOK @ 230 # + A,B,C,D CONNS	11040#	✓



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3 SEASON
 Project Name: SUNSPACE LAT LOAD
 Designed by: H.C.W. Date: 5/26/15
 Checked by: _____ Date: _____
 Sheet _____ of _____

DATE: 03/20/2015 JOB NO: DR-6400 DRAWN BY: PJS DWG NO: Sheet_7 of 38	We Make Your Dreamroom A Reality	AMERICAN DREAMSPACE, INC 40 Market St., North Berwick, ME 03906	Helen C. Watts, PE, SECB Helen Watts Engineering, PLLC 455 Litchfield Road Bowdoin, ME 04287 (207) 522-9366
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