



FRONT VIEW

SIDE VIEW

TABLE "A" RAFTER SPANS (DOUGLAS FIR #2 OR BETTER)		
SIZE	SPACING	SPAN
2x4	12" O.C.	9'-10"
	16" O.C.	8'-11"
	24" O.C.	7'-8"
	32" O.C.	*6'-3"
2x6	12" O.C.	15'-4"
	16" O.C.	13'-9"
	24" O.C.	11'-3"
	32" O.C.	*9'-7"
2x8	12" O.C.	20'-0"
	16" O.C.	18'-2"
	24" O.C.	14'-10"
	32" O.C.	*12'-8"
2x10	12" O.C.	20'-0"
	16" O.C.	20'-0"
	24" O.C.	18'-11"
	32" O.C.	*16'-2"
4x4	24" O.C.	10'-0"
	32" O.C.	*9'-3"
	48" O.C.	*7'-8"
4x6	24" O.C.	15'-11"
	32" O.C.	*13'-9"
	48" O.C.	*11'-3"
4x8	24" O.C.	20'-0"
	32" O.C.	*18'-2"
	48" O.C.	*14'-10"

TABLE "B" HEADER SIZE & SPANS (DOUGLAS FIR #2 OR BETTER)		
RAFTER SPAN	HEADER	
	SPAN	SIZE
UP TO 12'-0"	8'-0" MAX	4x6
	10'-0" MAX	4x8
	12'-0" MAX	4x10
	14'-0" MAX	4x12
12'-1" TO 20'-0"	8'-0" MAX	4x8
	10'-0" MAX	4x10
	12'-0" MAX	4x12
	14'-0" MAX	4x14

TABLE "C" FOOTING SIZE
BASED ON 1000 P.S.F. SOIL BEARING PRESSURE.
8'-0" SQ. X 12" DEEP
18" SQ. X 12" DEEP
18" SQ. X 12" DEEP
18" SQ. X 12" DEEP
24" SQ. X 12" DEEP
24" SQ. X 12" DEEP
24" SQ. X 12" DEEP
24" SQ. X 12" DEEP

TABLE "D" LEDGER BOLTING
ALL LAG BOLTS SHALL HAVE 1/4" PRE-DRILLED HOLES * (SEE NOTE 2)
3/8" DIA. X 5" LONG AT 16" O.C. STAGGERED
(2) 3/8" DIA X 5" LONG AT 16" O.C.

- NOTES:**
- TWO 2X MEMBERS MAY BE SUBSTITUTED FOR ONE 4X HORIZONTAL FRAMING MEMBER.
 - LAG BOLTS MUST FULLY ENGAGE A WOOD STUD OR RIM JOIST AND BE PROVIDED WITH APPROPRIATE WASHERS. LAG BOLTS SHALL BE LOCATED A MINIMUM OF 1-1/2" FROM THE TOP OR BOTTOM OF THE LEDGER.
 - NOT DESIGNED TO BE ENCLOSED - ADDITIONAL ENGINEERING ANALYSIS WILL BE REQUIRED IF ENCLOSED.
 - SEE PAGE 2 OF 2 FOR CONSTRUCTION DETAILS.

DISCLAIMER:
ALTERNATE PATIO DESIGNS MAY BE POSSIBLE WHEN PROVIDED WITH AN ENGINEERED ANALYSIS. USE OF THIS CONVENTIONAL STANDARD DESIGN IS AT THE USER'S RISK AND CARRIES NO IMPLIED OR INFERRED GUARANTEE AGAINST FAILURE OR DEFECTS.

* THIS SPACING AND SPAN IS FOR LATTICE PATIO COVERINGS ONLY.

WESTERN RIVERSIDE COUNTY CODE UNIFORMITY PROGRAM	
	CITY OF BANNING BUILDING DEPARTMENT
PATIO COVER STANDARD	
(951) 922-3120	99 E RAMSEY ST - BANNING CA, 92220
FAX (951) 922-3128	01/01/2008 BANPATIOFNL2008.VSD PAGE 1 OF 2

This form needs to be filled out!

PATIO
WORKSHEET

