

City of Merced

678 W. 18th St.
Merced, CA 95340
(209) 385-6861
www.cityofmerced.org

THE DESIGN OF THIS PATIO COVER MEETS OR EXCEEDS THE DESIGN ORIGINALLY INTENDED FOR THIS PROJECT. THEREFORE, I HOLD HARMLESS THE CITY OF MERCED FOR ANY ISSUES RESULTING FROM THE DESIGN OR CONSTRUCTION OF THIS PATIO COVER.

SIGNATURE OF OWNER _____ DATE _____ PRINTED NAME OF OWNER _____

Patio Cover Detail

MINIMUM ROOF SLOPES:

- 2:12 ROLLED ROOFING - 2 LAYERS 15# FELT
- 2:12 COMPOSITION SHINGLES - 2 LAYERS 15# FELT - 1 LAYER 30# AT 4:12 OR GREATER
- 2 1/2:12 CLAY/CONCRETE TILE - 2 LAYERS 15# FELT - 1 LAYER 30# AT 4:12 OR GREATER
- 3:12 WOOD SHINGLES - 2 LAYERS 15# FELT - 1 LAYER 30# AT 4:12 OR GREATER
- 4:12 WOOD SHAKES - 1 LAYER 30# AT 4:12 OR GREATER

FASTENERS:

- ROLLED ROOFING - PER MANUFACTURERS SPECIFICATIONS
- COMPOSITION ROOFING - (4) GALVANIZED NAILS 12 GAGE, .357" HEAD. PENETRATE THRU SHEATHING
- CLAY/CONCRETE TILE - (1) GALVANIZED NAIL 11 GAGE, 5/16" HEAD. PENETRATE THRU SHEATHING
- WOOD SHINGLES - (2) GALVANIZED NAILS .5" THICK. PENETRATE THRU SHEATHING
- WOOD SHAKES - (2) GALVANIZED NAILS .5" THICK. PENETRATE THRU SHEATHING

BEAM	MAXIMUM SPAN	COLUMNS ON CENTER
4X6	3'-9"	4'-0"
4X8	4'-9"	5'-0"
4X10	5'-9"	6'-0"
4X12	6'-8"	6'-11"

* SITE PLAN SHALL GOVERN LOCATION ON PROPERTY BUT SHALL NEVER ALLOW POST/COLUMN TO BE CLOSER THAN 3 FEET TO A PROPERTY LINE. POSTS AT 3 TO 4 FEET FROM PROPERTY LINE SHALL HAVE A MAXIMUM ROOF OVERHANG OF 12 INCHES

RAFTER	MAXIMUM SPAN
2X6	11'-9"
2X8	14'-10"
2X10	18'-2"
2X12	21'-0"

INSPECTIONS:

24-HOUR RECORDER. CALL 209-723-2489 NO LATER THAN 6:30 A.M. THE DAY OF INSPECTION TO SCHEDULE AN INSPECTION WHEN READY FOR EACH OF THE FOLLOWING:

- 1) ONCE HOLES ARE DUG FOR FOOTINGS, USE CODE #001
- 2) ONCE THE ROOF SHEATHING IS ON (BEFORE PAPER), USE CODES #002 & 003.
- 3) ONCE COMPLETED, USE CODE #010.

ADDITIONAL INSPECTION FEES WILL BE CHARGED IF INSPECTIONS ARE CALLED BUT THE PHASE TO BE INSPECTED IS NOT READY, OR IF THE INSPECTOR HAS TO RETURN MORE THAN ONCE FOR EACH PHASE.

Permit #: _____

Address: _____

ELECTRICAL BY SEPARATE PERMIT
NOT INTENDED FOR ENCLOSED ROOM

PROVIDE 26 GAGE GALVANIZED FLASHING A MINIMUM OF 11" EACH WAY FROM CREASE FOR THE FULL WIDTH OF THE PATIO COVER WHERE IT MEETS THE DWELLING/STRUCTURE PLUS 4" AT EACH END BEYOND THE PATIO. FLASHING SHALL BE INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS, BUT SHALL NEVER BE INSTALLED BENEATH THE ROOFING MATERIAL (COMP, TILE, ETC.)

RAFTERS TO BE DOUG FIR LARCH #2 OR BETTER
BLOCKS MAY BE FLUSH WITH BACK OR FRONT OF HEADER

(2) 8d NAILS EACH END OF BLOCK TO NAILED OR STRAIGHT IN WHERE POSSIBLE OR A34 OR EQUAL

PROVIDE METAL DRIP EDGE AT EAVE. OVERLAP TO BE 2" OR MORE. EXTEND .25" BELOW SHEATHING AND EXTEND BACK ON THE ROOF AT LEAST 2". EDGE TO BE FASTENED MAX 12" O.C.

12" X 12" FOOTING 18" DEEP IN UNDISTURBED SOIL AT EACH COLUMN

4" MINIMUM SLAB THICKNESS
2500 PSI CONCRETE @ 28 DAYS - MONOLITHIC POUR - 10 MIL VAPOR RETARDER RECOMMENDED BUT NOT REQUIRED

1" CLEARANCE BETWEEN POST & CONCRETE OR USE PRESSURE TREATED POST

RECOMMEND #3 REBAR @ 18" O.C., 6X6X10 W.W.M., OR FIBER MESH CENTERED IN SLAB FOR CRACK CONTROL

7" MINIMUM TO HEADER
4" X 4" D.F. #1 POST (MINIMUM)

1" CLEARANCE BETWEEN POST & CONCRETE OR USE PRESSURE TREATED POST

2500 PSI CONCRETE @ 28 DAYS - MONOLITHIC POUR - 10 MIL VAPOR RETARDER RECOMMENDED BUT NOT REQUIRED

CITY OF MERCED PLANNING DEPARTMENT REQUIRES THAT THE ROOFING MATERIAL MATCH EXISTING BUILDINGS AND THAT ALL SHINY METAL SURFACES BE PAINTED TO MATCH

SEE SITE PLAN FOR ACTUAL PATIO COVER DIMENSIONS AND SHAPE

