


ELECTRICAL YES OR NO

DESCRIBE _____

NOTE:
OUTLET BOXES FOR CEILING
FANS SHALL BE MARKED
SUITABLE FOR THIS PURPOSE.

DESIGN NOT FOR STUCCO CEILINGS

BEAM SPAN TABLE	
DISTANCE BETWEEN POST CENTERS:	MINIMUM BEAM DIMENSIONS:
4'	4" X 4"
6'	4" X 6"
8'	4" X 8"
10'	4" X 10"
12'	4" X 12"

For the rafter span provide the dimension from the face of the wall to the face of the beam:

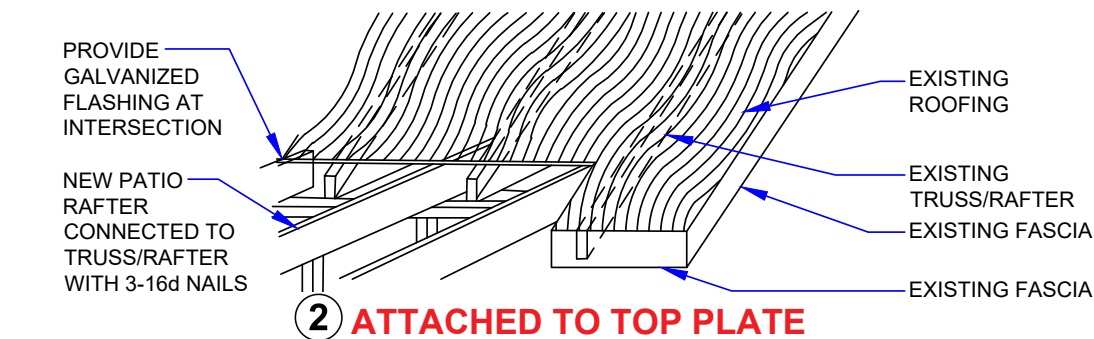
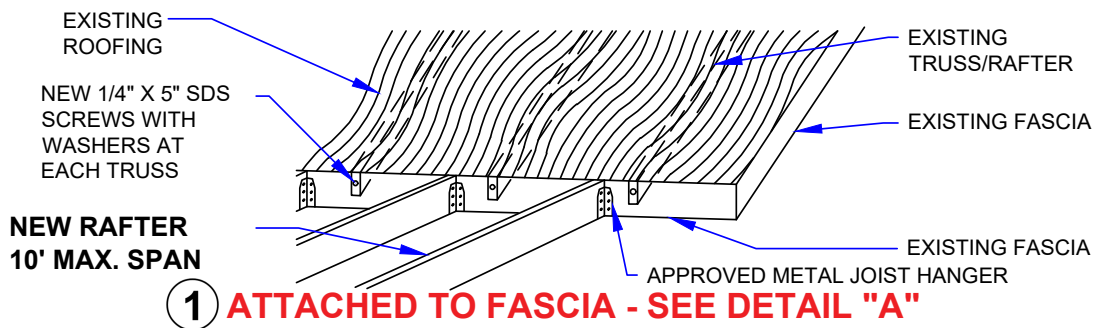
RAFTER SPAN TABLE/FOR ROOF LOADS ONLY			
LUMBER SIZE	SPACING ON CENTER	MAX. SPAN DOUG. FIR #1	MAX. SPAN DOUG. FIR #2
2" X 6"	12"	17' - 4"	16' - 10"
	16"	15' - 4"	14' - 7"
	24"	12' - 6"	11' - 11"
2" X 8"	12"	22' - 5"	21' - 4"
	16"	19' - 5"	18' - 5"
	24"	15' - 10"	15' - 1"
2" X 10"			
	16"	23' - 9"	22' - 6"
	24"	19' - 5"	18' - 5"

Rafter design loads are 10 PSF. live load and 10 PSF. dead load.
California Residential Code Appendix H Patio Covers. **AH105.1 Design Load,**
The Design load of 10 pounds per square foot live load is approved.

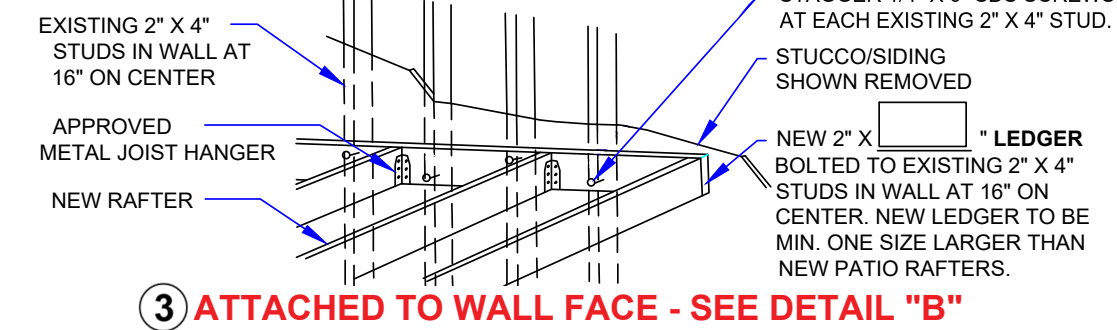
AH101.2 Permitted uses. Patio covers detached from or attached to dwelling units shall be used only for recreational, outdoor living purposes, and not as a carport, garage, storage rooms or habitable space.

PATIO COVERS SHALL NOT BE ENCLOSED, UNLESS THE STRUCTURE IS MODIFIED TO MEET THE 20PSF LIVE LOAD. A PERMIT FOR THE MODIFICATION WILL BE REQUIRED.

If the roof design loads are going to be 20 PSF. Live load, a application shall be filled out and submitted with a complete plan set for a non-standard building permit.



NOT FOR BALCONIES OR DECKS

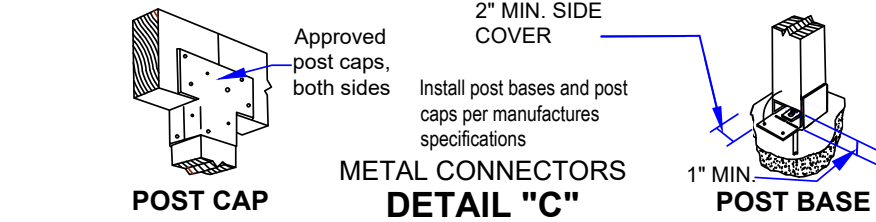
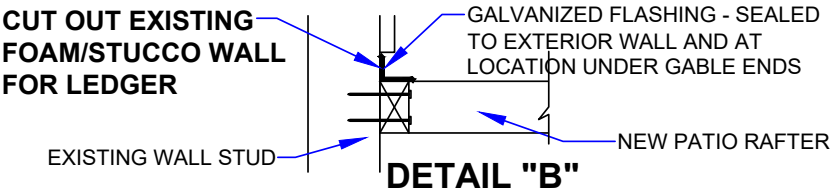
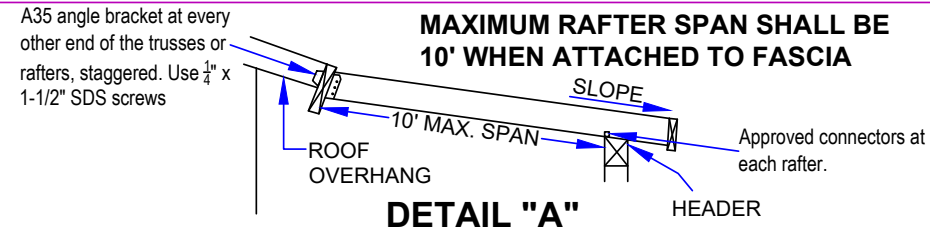


- BUILT-UP TYPES INSTALLED PER MANUFACTURES INSTRUCTIONS:
 - 2 LAYER - 15LB UNDERLAYMENT
 - 1 LAYER - 60LB CAP SHEET MOPPED (ROOFING PLIES) 90LB MINERAL SURFACED
- TORCH DOWN ROOF SYSTEM PER MANUFACTURES SPECIFICATIONS.
- METAL OR TRANSLUCENT PANELS PER MANUFACTURES. SPECIFICATIONS. SLOPE AND CONNECTION PER MANUFACTURES SPECIFICATIONS.
- ASPHALT SHINGLES WITH 1 LAYER - 15LB UNDERLAYMENT SHALL HAVE 4:12 AND GREATER SLOPE. FOR SLOPES 2:12 AND UNDER 4:12 ASPHALT SHINGLES ARE SELF SEALING WITH 2 LAYERS OF 15LB UNDERLAYMENT APPLIED SHINGLE FASHION PER MANUFACTURES. SPECIFICATIONS.
- CONCRETE TILE ARE NOT ALLOWED ON A 10 PSF. DEAD LOAD ROOF SYSTEM.
- LEDGER BOARD SHALL NOT BE PLACED OVER THE TOP OF STUCCO SYSTEMS THAT USE FOAM IN THEIR ASSEMBLY.

- MATERIALS TO BE #2 DOUGLAS FIR MINIMUM.
- ALL EXPOSED METAL (HANGERS, NAILS, ETC.) TO BE GALVANIZED.
- CONCRETE FOOTINGS REQUIRED, SEE TABLE BELOW.
- ROOF SHEATHING 1/2" CDX OR 7/16" OSB MINIMUM - NAILING: 8d-6" O.C. EDGES AND 12" O.C.
- FIELD EXPOSED ELECTRICAL SHALL BE INSTALLED IN APPROVED CONDUITS/ASSEMBLIES

- PROVIDE **ALL** REQUIRED INFORMATION AND SUBMIT AS PDF WITH YOUR PERMIT APPLICATION
- SETBACKS SHALL MEET RESIDENTIAL ZONE REQUIREMENTS. CONSULT WITH PLANNING DEPT.
- TO MEET MINIMUM BUILDING CODE REQUIREMENTS.
- COMPLETELY FILL IN ALL BOXES AND SELECT ATTACHMENT METHOD.

- FOUNDATION (BEFORE PLACING CONCRETE)
- ROOF SHEATHING (BEFORE COVERING ROOF).
- ROUGH FRAMING, ROUGH ELECTRIC WHEN APPLICABLE.
- LATH (FOR STUCCO) (POST OR BEAM ONLY) IF APPLICABLE.
- BUILDING FINAL - ALL EXTERIOR WOOD TO BE PRIMED/SEALED.

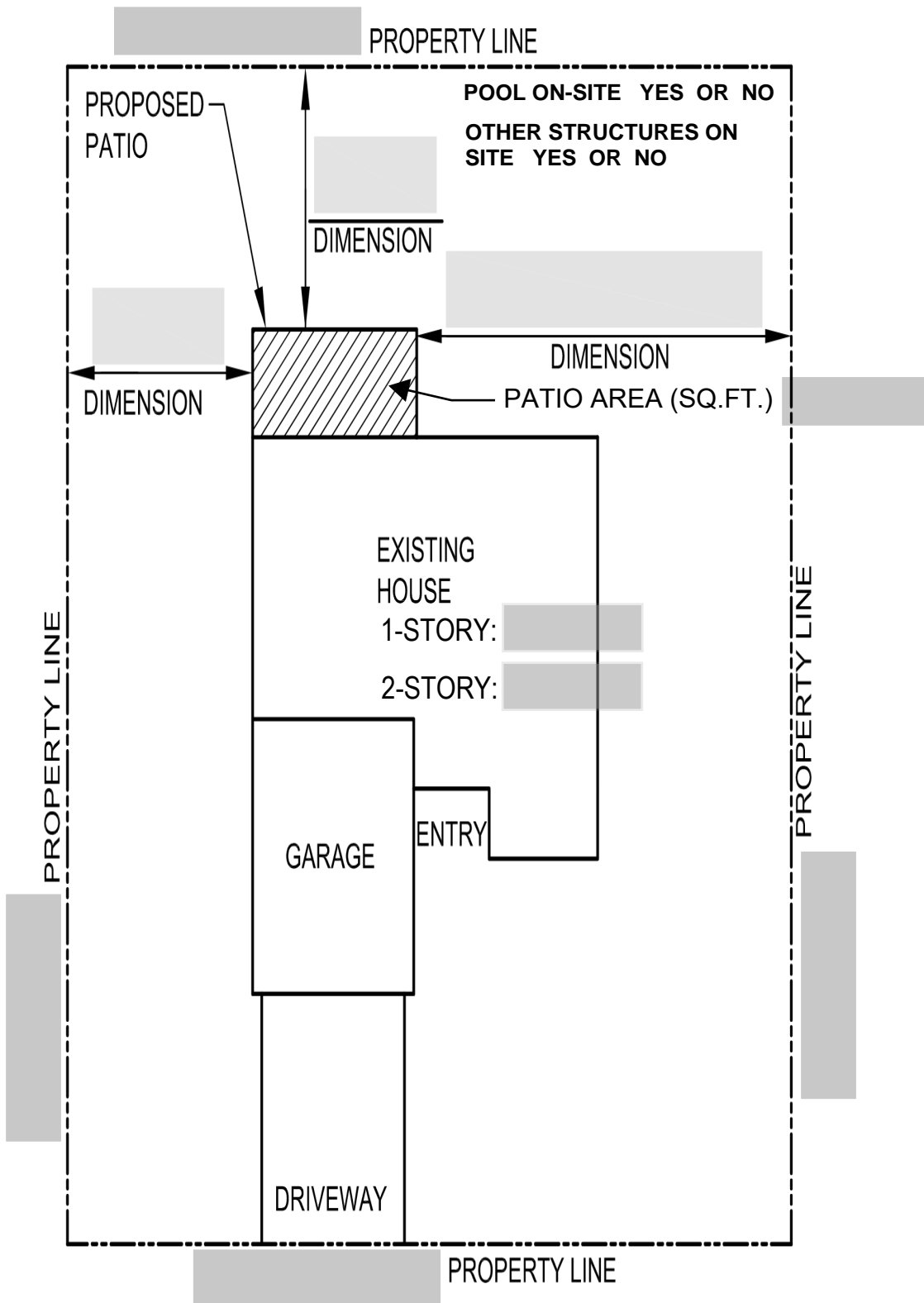


FOUNDATION SIZE TABLE	
PIER TYPE:	SIZE OF PIER
A	12" X 12" X 12" BELOW GRADE
B	18" X 18" X 12" BELOW GRADE

LEDGER BOARD SHALL NOT BE PLACED
OVER THE TOP OF STUCCO SYSTEMS
THAT USE FOAM IN THEIR ASSEMBLY.

SEE BACK PAGE FOR
REQUIRED SITE PLAN

OFFICE USE ONLY - BUILDING DIV. APPROVAL



GENERAL PATIO COVER NOTES

This template does not apply to any patio cover that supersedes the conventional designs, methods and specifications listed herein. If you decide to construct a patio cover using methods and specifications not illustrated in this template or your patio cover is free-standing, a licensed designer must certify the plans.

This template illustrates how an attached unenclosed patio cover structure may be built using the “Conventional Light Wood-Frame Construction Guidelines” of the 2022 California Residential code (CRC) and is only applicable to residential dwellings classified as R-3 occupancies.

Patio covers are defined as one-story structures, that are used only for recreational, outdoor living purposes and not as carports, garages, storage rooms, habitable rooms, or 2nd. floor sun decks or balconies.

Exterior openings required for light and ventilation shall be permitted to open into a patio structure. However, the patio structure shall be completely unenclosed if such openings are serving as emergency egress or rescue openings from sleeping rooms.

This handout is **not** intended to be used for room additions which require compliance with code provisions such as heating, waterproofing, and normal live and wind loads. Furthermore, patio covers cannot always be converted to complying room additions.

Structures of unusual shape or design and for structures with tile roofing materials will require a structural analysis/evaluation by a California licensed Architect or Engineer.

Submitted documents that are incomplete, lack comprehension, or deviate from the requirements listed above will not be processed.

If you are applying for a building permit in a subdivision with a homeowner’s association, you should secure architectural review prior to proceeding with the project. The City does not enforce or specifically review provisions of homeowners’ association CC&R’s.

This template is intended to help the builder in the plan submittal process for standard patio construction projects. Certain projects may require professionally designed plans and calculations.

Proposed patio plans shall require review and approval by the City of Madera Planning Department staff to review the Zoning Code restrictions for maximum building coverage allowed, height limitations, property line setbacks and maintenance/public utility easement setback distances prior to submitting plans and permit application to the Building Department.

Setback dimension shall be taken from face of post to property line(s).

This form is to be used only when the patio cover is being built in accordance with the CITY STANDARD specifications shown in this handout.

Detached patios must include lateral bracing. All non-standard patio covers and all decks require formal plans submitted for plan check.

Commercial shade structures, residential patio covers not built according to the standards in this handout, and all decks require complete construction drawings to be submitted along with the permit application to the Building Department.

For additional questions, please contact our Front Counter.

If you are ready to submit an application to construct a patio provide the following in electronic format (PDF):

- a complete Building Permit Application
- the front page of this template with all the required dimensions and information
- a plot plan form with all the required information

PLOT PLAN INSTRUCTIONS

This is just an example. Use the City's plot plan template to provide the required information:

1. Show dimensions of all property lines
2. Provide all dimensions and other required information
3. Show the street name(s). Provide the cross street name if a corner lot.
4. Provide a North arrow with the correct orientation
5. Call out the proposed new construction. Provide dimensions and Area (sq.ft.)
6. Note if the house is 1 story or 2 stories
7. If there is an existing pool or shed or any other structures, show them on the site plan and provide dimensions and Area (sq.ft.) for each structure.
8. If any lights or ceiling fans will be installed, clearly identify the locations and show the location of the control switches. If needed, provide a Floor Plan.
9. The drawing(s) shall be to scale.



Revision Date: 07/10/2023
By Rafael Magallan

**PATIO
NOTES
SHEET**