



STANDARDS
FOR PATIO COVER CONSTRUCTION
BOISE COUNTY
PLANNING & ZONING
DEPARTMENT

Patio Cover Standards

The Patio Cover standard is intended to speed up the permitting process by providing this standard for issuance of a building permit within Boise County jurisdiction. This standard is not meant to be substituted for, or be contrary to, provisions of the building codes.

If the proposed structure exceeds an exterior side wall height of 12' engineering is required. The structure height may not exceed 15' in total height or the height of the principle structure. An alternate design prepared by a State of Idaho design professional may be considered by the Building Official.

Governing codes for Boise County: 2018 International Residential Code and the 2018 International Building Code.

Once you have selected rafter spans and beam sizing from the Tables on sheet 2, complete all of the blanks located on sheet 1 and 2 for your proposed patio cover.

FOOTING

Shall bear on virgin soil a minimum of 24" below the finished grade and have a minimum width of 12".

RAFTER SPAN AND BEAM SIZING

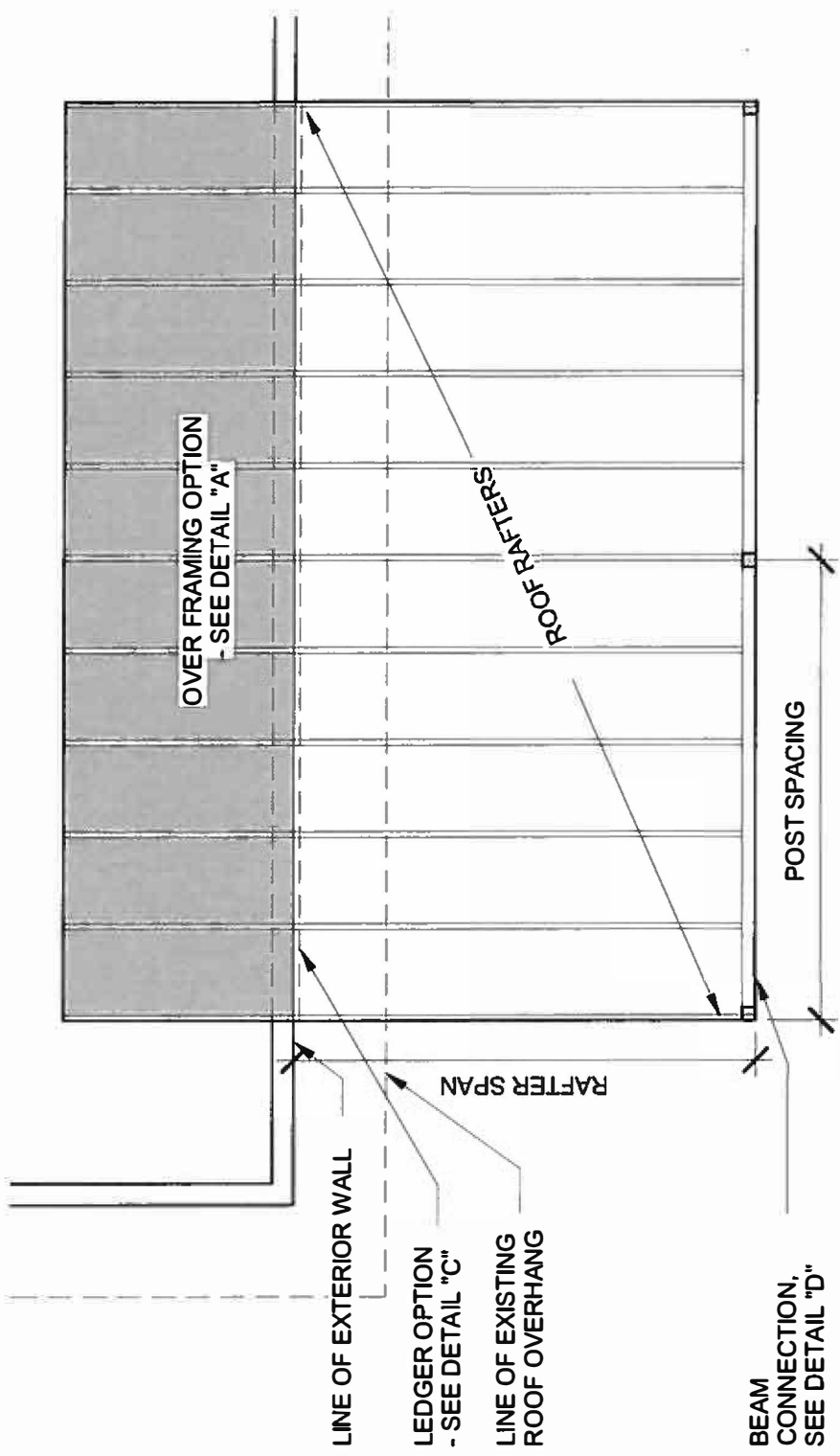
Shall be selected from the Tables listed in the International residential Code or International Building Codes.

CONCRETE SLABS

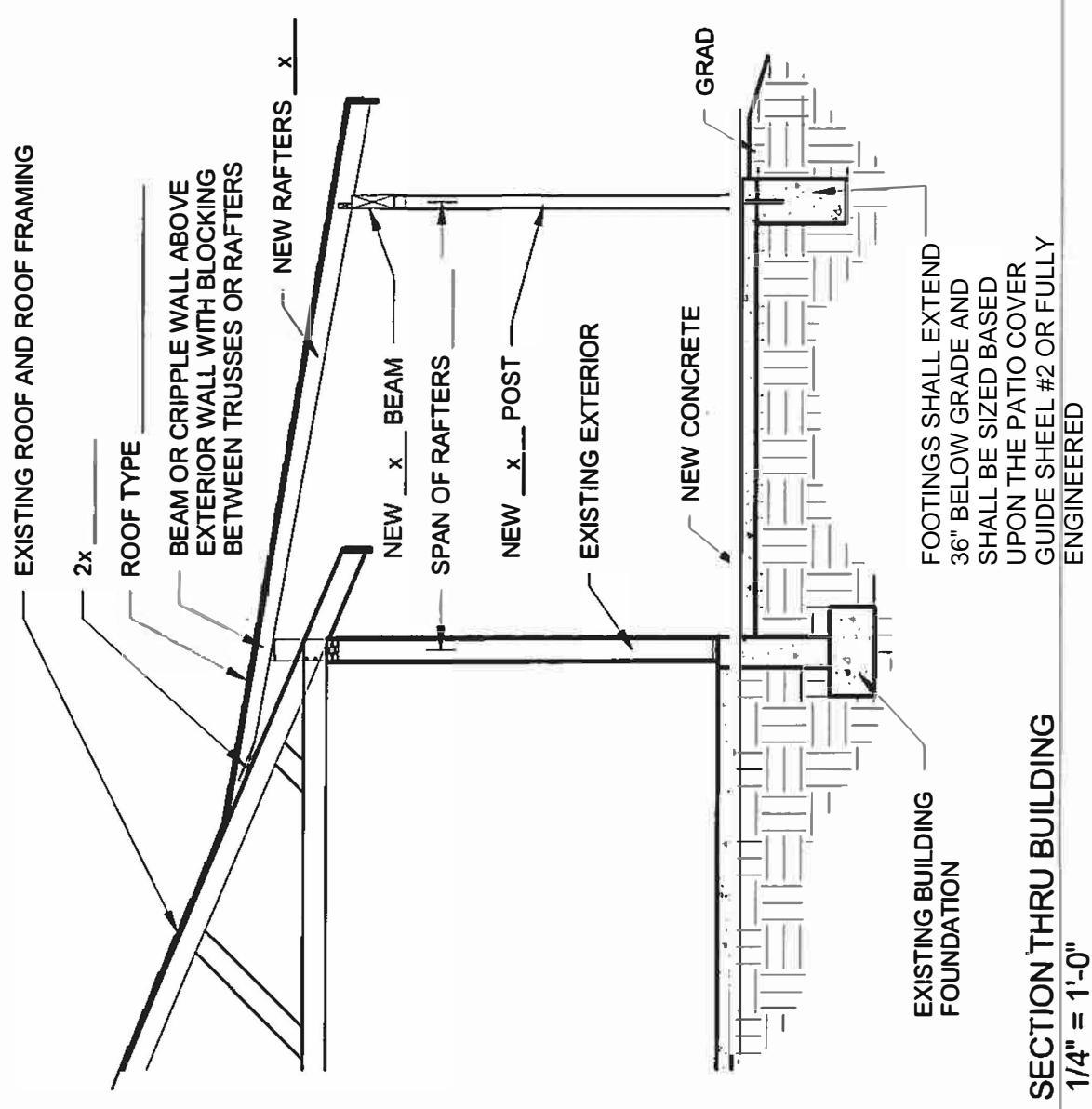
Shall not be placed in direct contact with load-bearing poles. Poles shall be separated from concrete slabs with expansion joint filler or 15 pounds felt.

POLES

Minimum pole size shall be 4" x 6" nominal and poles selection per the Tables on sheet 2. All poles shall be pressure treated.

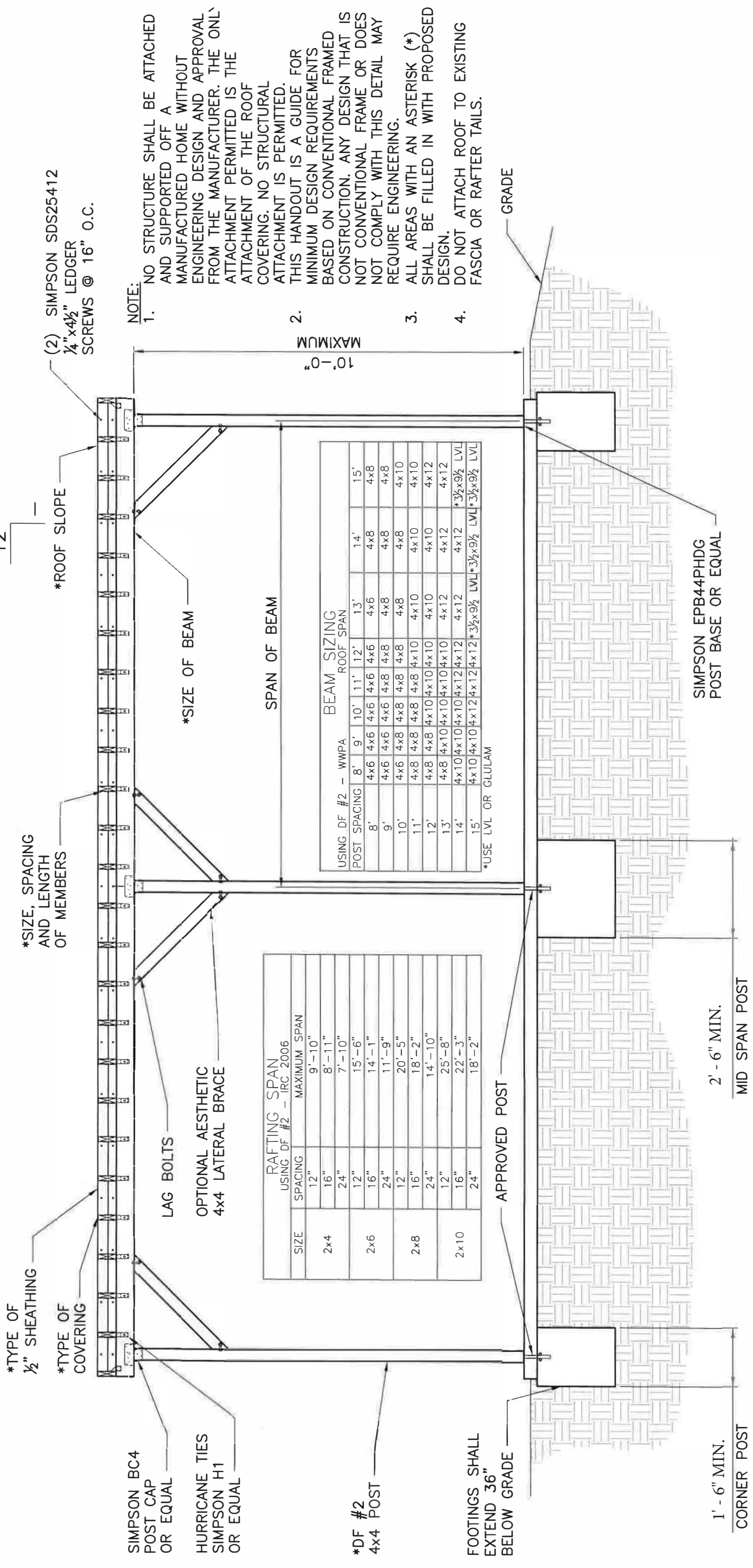


2 FLOOR PLAN
1/4" = 1'-0"



1 SECTION THRU BUILDING
1/4" = 1'-0"

12



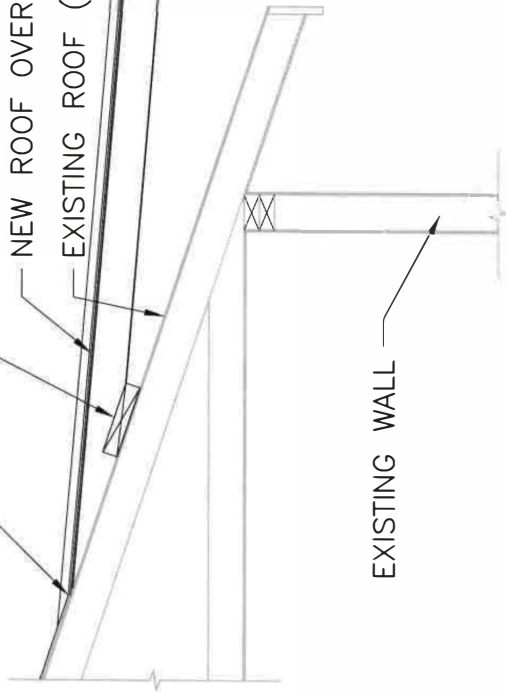
SEE SUPPLEMENTAL SIZING NOTES

LAP UNDERLAYMENT A MINIMUM OF 18" UNDER EXISTING ROOF FELTS

2" MIN. NOMINAL THICKNESS SLEEPER BOARD NAILED TO ROOF DECK AND TRUSSES FOR BEARING

NEW ROOF OVER NEW RAFTERS

EXISTING ROOF (REMOVE EXISTING SHINGLES)

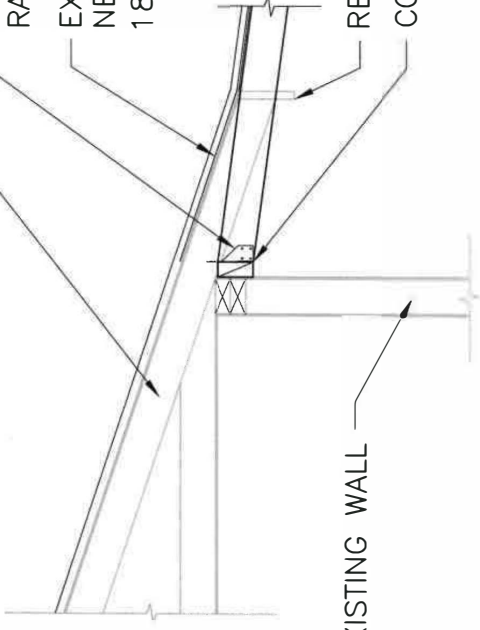


EXISTING WALL

Ⓐ DETAIL A
NTS

EXISTING ROOF RAFTERS OR TRUSSES
GALVANIZED METAL JOIST OR RAFTER HANGERS
EXTEND UNDERLAYMENT FROM NEW ROOF A MINIMUM OF 18" ONTO EXISTING ROOF

REMOVE EXISTING FASCIA CONTINUOUS 2x LEDGER



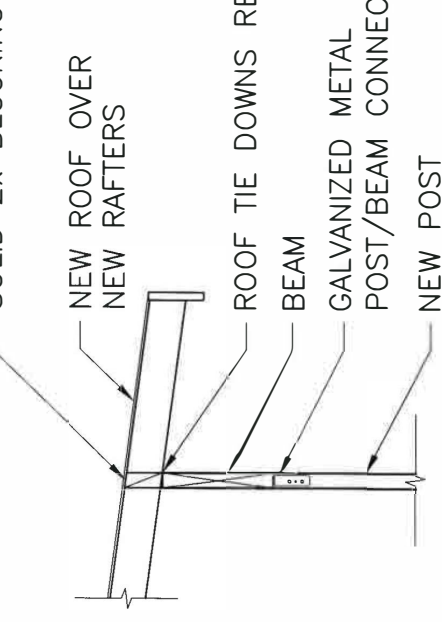
Ⓑ DETAIL B
NTS

EXISTING WALL STUDS

(2) SIMPSON SDS25412 1/4" x 4 1/2" LEDGER SCREWS @ 16" O.C.

EXISTING WALL

SIDING OVER FLASHING (EXTERIOR FINISH)
CONTINUOUS FLASHING OVER LEDGER BOARD
RAFTER
RAFTER HANGER*
REMOVE SIDING AND LAG LEDGER BOARD TO WALL



SOLID 2x BLOCKING

NEW ROOF OVER NEW RAFTERS

ROOF TIE DOWNS REQUIRED BEAM

GALVANIZED METAL POST/BEAM CONNECTOR

NEW POST

Ⓒ DETAIL C
NTS

Ⓓ DETAIL D
NTS

*RAFTER HANGERS:

FOR 2x4 RAFTER: SIMPSON U24 OR EQUIVALENT

FOR 2x6 RAFTER: SIMPSON LRU26Z OR EQUIVALENT

FOR 2x8 RAFTER: SIMPSON LRU26Z OR EQUIVALENT

FOR 2x10 RAFTER: SIMPSON LRU210Z OR EQUIVALENT

SHEET 3

SCALE AS INDICATED

DETAILS

PATIO COVER GUIDE