

SOUTHERN NEVADA BUILDING OFFICIALS
REGIONAL STANDARDS

B-102-1

2-5-2019

PG. 1 OF 2

SFR-COVERED PATIO LIGHT ROOFING MATERIAL 2018 IBC

Clark County
Dept. of Building & Fire Prevention
4701 W Russell Rd
Las Vegas, NV 89118
(702) 455-3000

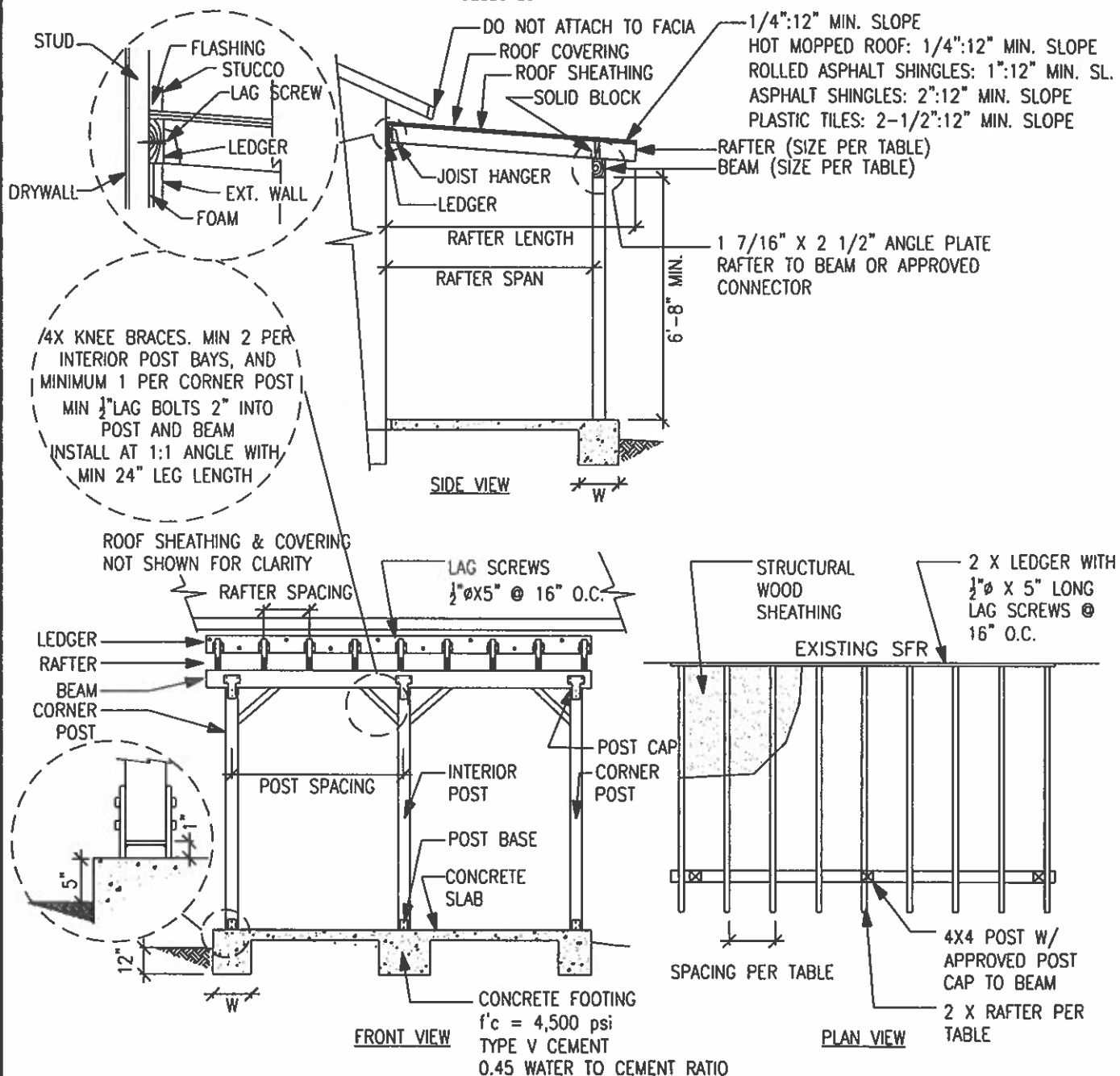
Boulder City
Building Department
401 California Avenue
Boulder City, NV 89005
(702) 293-9282

Henderson
Building & Fire Safety Dept.
240 Water Street
Henderson, NV 89015
(702) 267-3650

Las Vegas
Building & Safety Dept.
333 N. Rancho Drive
Las Vegas, NV 89106
(702) 229-6251

**THIS HANDOUT IS NOT INTENDED FOR THE
CONSTRUCTION OF DECKS OR BALCONIES

MORE THAN THE MINIMUM SLOPE OF 1/4:12 MAY
BE REQUIRED DUE TO THE ROOF COVERING
SELECTED



Mesquite
Building Department
10 East Mesquite Blvd.
Mesquite, NV 89027
(702) 346-2835

North Las Vegas
Building & Fire Safety
2250 Las Vegas Blvd. N
N. Las Vegas, NV 89030
(702) 633-1577

Pahrump
Building & Fire Safety Dept.
250 N Hwy 160 Suite #3
Pahrump, NV 89060
(775) 751-3373

**SOUTHERN NEVADA BUILDING OFFICIALS
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PG. 2 OF 2

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**RAFTER SPAN
USING DOUGLAS FIR #2 GRADING AGENCY WWPA,
WCLIB**

SIZE	SPACING	MAX SPAN
2X4	12"	10'-10"
	16"	9'-10"
	24"	8'-7"
2X6	12"	17'-0"
	16"	15'-6"
	24"	12'-10"
2X8	12"	22'-5"
	16"	19'-11"
	24"	16'-3"
2X10	12"	28'-1"
	16"	24'-4"
	24"	19'-10"

**BEAM SIZE
USING DOUGLAS FIR #2 GRADING AGENCY WWPA, WCLIB
RAFTER SPAN WITH 1'-6" OVERHANG**

POST SPACING	8'	9'	10'	11'	12'	13'	14'	15'
8'								
9'			4X6					
10'								
11'					4X8			
12'								
13'								
14'					4X10			
15'								

SQUARE FOOTING SIZE (W X W) IN INCHES

POST SPACING	RAFTER SPAN WITH 1'-6" OVERHANG							
	8'	9'	10'	11'	12'	13'	14'	15'
8'	12	12	14	14	14	14	16	16
9'	14	14	14	14	14	16	16	16
10'	14	14	14	16	16	16	16	18
11'	14	14	16	16	16	16	18	18
12'	14	16	16	16	18	18	18	18
13'	16	16	16	18	18	18	18	20
14'	16	16	18	18	18	20	20	20
15'	16	18	18	18	20	19	20	20

APPLICANT _____

JOB ADDRESS _____

PATIO DIMENSION _____ X _____

RAFTER SIZE _____ X _____ SPACING _____ O.C. SPAN _____

LEDGER SIZE _____ X _____

POST SIZE _____ X _____ SPACING _____ O.C.

BEAM SIZE _____ X _____

DESIGN CRITERIA

LIVE LOAD 10 PSF

DEAD LOAD 10 PSF

LIVE LOAD DEFLECTION L/360

ALLOWABLE SOIL BEARING 1000 PSF

ROOF MATERIAL _____

ROOF PITCH _____

ROOF SHEATHING _____

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