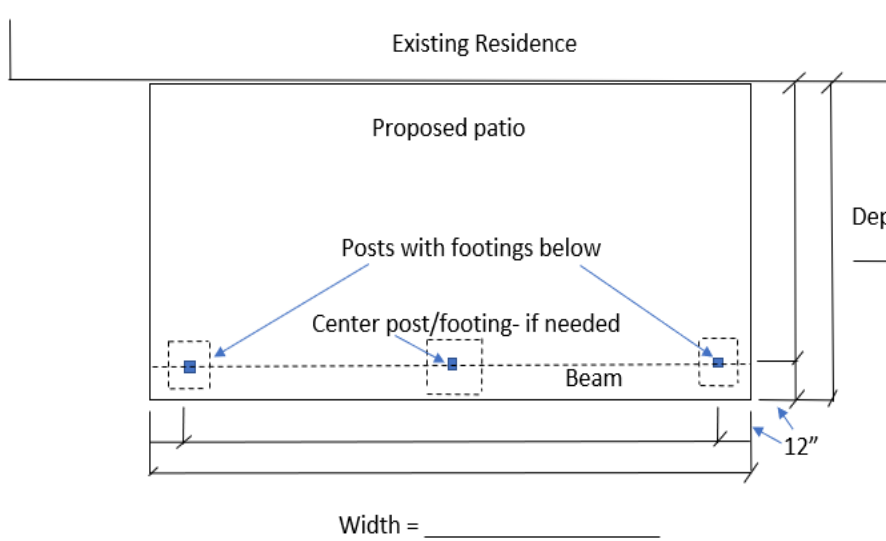


CITY OF SPARKS DOUGLAS FIR SOLID PATIO COVER WORKSHEET

MAXIMUM 15' PROJECTION—BASED ON 2024 IRC



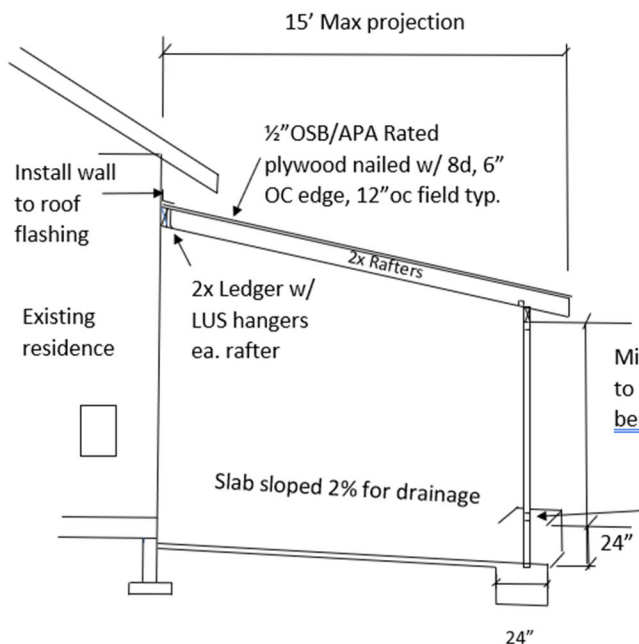
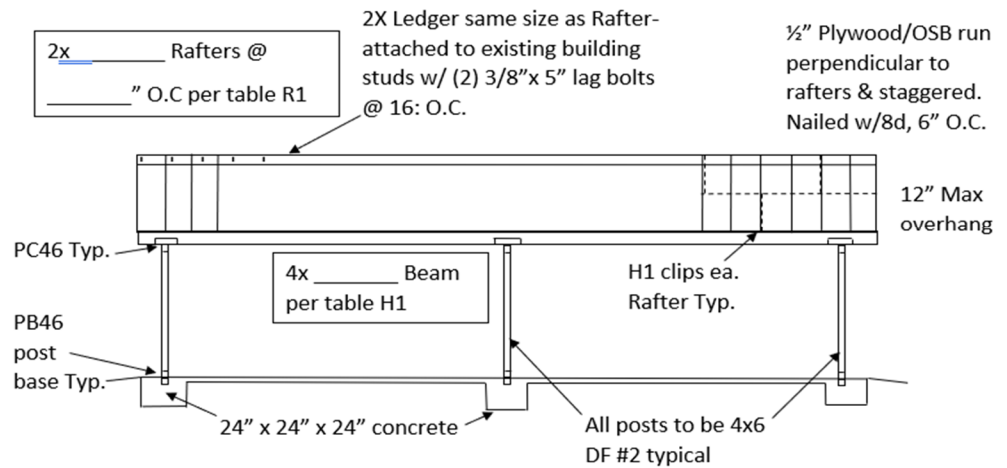
Douglas Fir- Larch #2 Size in Inches	On center rafter spacing	Maximum Rafter length 2024 IRC Ta- ble R802.4.1 (5)
2"X 4"	12"	7'10"
	16"	6'9"
	24"	5'6"
2" X 6"	12"	11'5"
	16"	9'10"
	24"	8'1"
2" X 8"	12"	14'5"
	16"	12'6"
	24"	10'3"
2" X 10"	12"	17'8"
	16"	15'3"
	24"	12'6"

H1-HEADER TABLE

AREA BETWEEN POSTS

Assumes 14' Max Rafter Span

Header Size R602.7(3)	Maximum Post Spacing
4"x6"	4'8"
4"x8"	6'2"
4"x10"	7'7"
4"x12"	8'10"



Identify roof slope
& covering materials

MINIMUM SLOPES FOR ROOF COVERINGS (MANUFACTURER'S SPECS ALSO APPLY)

ROLLED ROOFING	1/4":12"
COMP (SHINGLES) (DBL UNDERLAYMENT)	2:12
COMP (SHINGLES)	4:12
CLAY/CONCRETE TILES	2.5:12
METAL ROOFING (PANELS OR SHINGLES)	3:12

Footings at posts: 24"x
24"x24"

PB46 embedded in
concrete