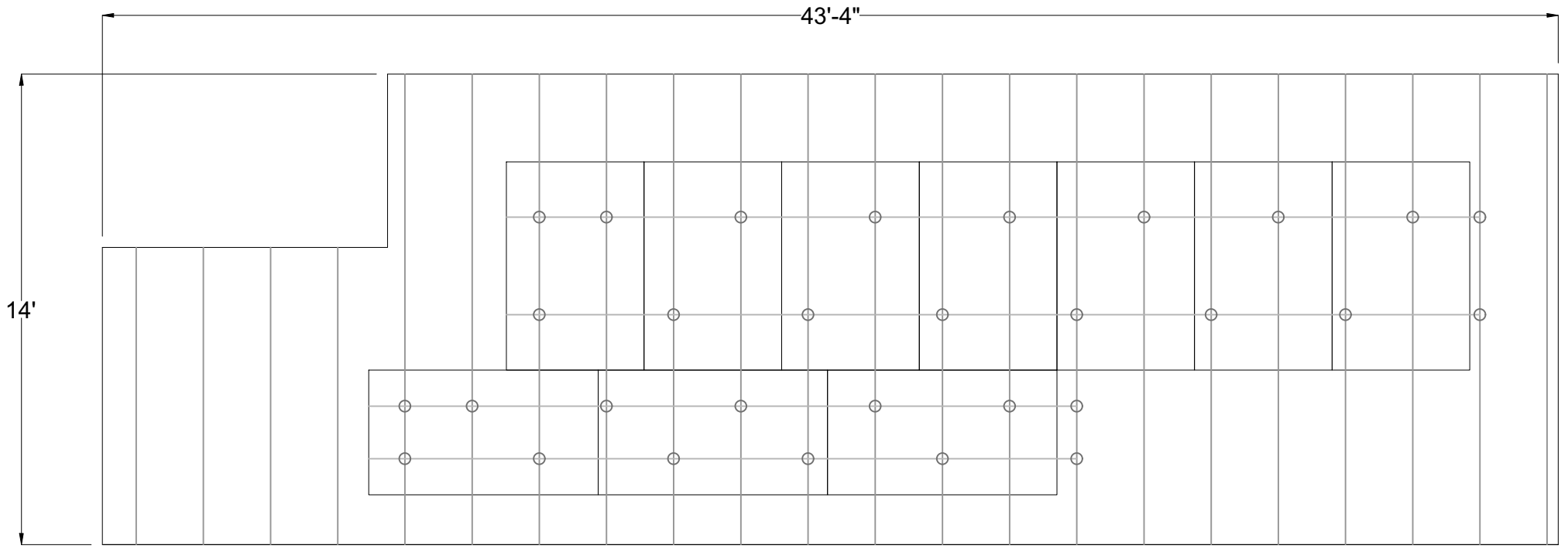


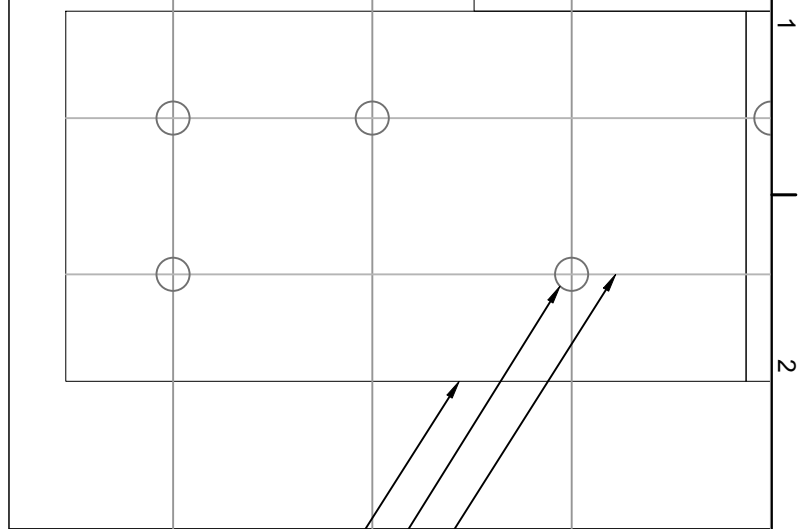
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Date: 01/11/24

Permit# 22-191583-REV-01-RS



ROOF 1
TILT:26°
AZIMUTH:182°



PV MODULE
MOUNTING FEET
CHIKO #7 RAIL

2 MOUNTING DIAGRAM

SCALE: NOT TO SCALE

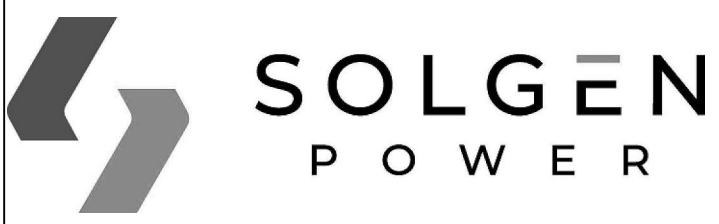
STRUCTURAL NOTES:

- 48" MAX SPAN OF RAIL TO DISTRIBUTE WEIGHT OVER SUPPORT OF TRUSSES
- MOUNTING FEET ARE IN APPROXIMATE LOCATION.
- MOUNTING FEET SHOULD BE STAGGERED AS SHOWN IN DIAGRAM



EXPIRES: 06/30/25
12/27/2023
STRUCTURAL ONLY

1 MOUNTING DIAGRAM



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SOLGEN POWER
5100 ELM RD,
PASCO, WA 99301

P: 509-931-1663

Matthew Steigerwalt

DRAWN BY: ZPM
DATE: 20/08/2022

DRAWING SCALE:
29/128" = 1'-0"
DESIGN

5424 SE 64th Ave, Portland, OR 97206

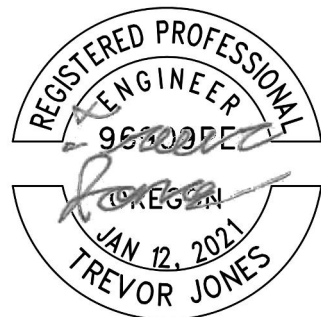
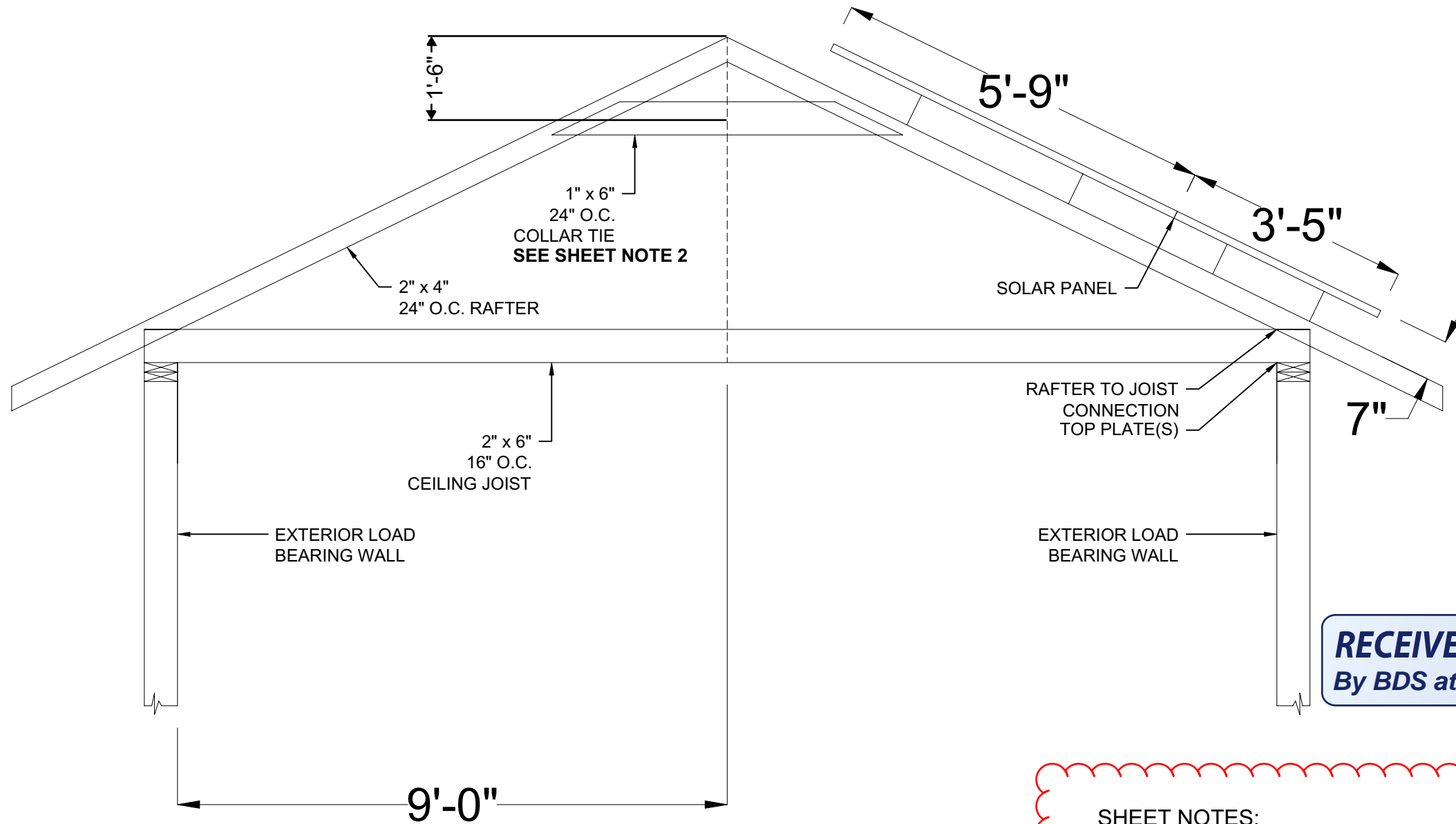
PAGE #

PV 6 - MOUNTING DIAGRAM

1
PV 6

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HOUSE ROOF



EXPIRES: 06/30/25
01/09/2024
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RECEIVED
By BDS at 8:47 am, Jan 10, 2024

SHEET NOTES:
1) ALL MEMBERS ARE EXISTING UNLESS MARKED (N) OR NEW.
2) REPLACE 1x6 COLLAR TIES WITH 2x6 ONES, ATTACH WITH (3) 16d NAILS AND (1) NEW SIMPSON A34 CLIPS WITH #9 X 1 1/2" SDS SCREWS AT EACH ENDS, PLEASE REFER TO S-1.



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Matthew Steigerwalt

DRAWN BY: ZPM
DATE: 20/08/2022

DRAWING SCALE:
1/2" = 1'-0"
DESIGN

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PAGE # PV 7 - ROOF CROSS SECTION PV 7

22-191583-REV-01-RS

± 8'-3"

6'-1"

ROOF SHEATHING

2" x 6" BEARING BLOCK. BEAR
TIGHT AGAINST RAFTERS AND
ATTACH TO EACH BRACE WITH
(1) SIMPSON SDS25300 SCREWS.

(N) LAP BRACE WITH
RAFTER, ATTACHED
WITH (1) SIMPSON
SDS25300 SCREWS.

(N) SOLAR PANEL

(N) 2" x 4" BRACE AT 48 O.C.
WHERE MAX. BRACE LENGTH
SHALL NOT EXCEED 6' IN
LENGTH. BRACE ANGLE SHALL
NOT EXCEED 40° FROM VERT.
BRACES ONLY REQUIRED UNDER
AREA OF SOLAR CONSTRUCTION.

ATTACH BRACE DIRECTLY TO TOP
PLATE WITH (1) (N) SIMPSON A34'S.
SECOND A34 MAY BE ATTACHED TO
JOIST IF NO ROOM IS AVAILABLE ON
TOP PLATE TO MAKE CONNECTION.
USE #9x 1 1/2 SD SCREWS.

EXTERIOR LOAD
BEARING WALL

EXTERIOR LOAD
BEARING WALL

INTERIOR LOAD
BEARING WALL

VOIDED

10/24/2023

SHEET NOTES:

1) THE FOLLOWING FRAMING COMPLES WITH THE CITY OF PORTLAND
CHECKLIST FOR PRESCRIPTIVE SOLAR INSTALLATIONS EXCEPT
INTERMEDIATE BRACES WILL BE ADDED AS SHOWN TO REINFORCE THE
ROOF RAFTERS.

2) ALL MEMBERS ARE EXISTING UNLESS MARKED NEW OR (N).

3) INSTALL BRACE ON BOTH SIDES OF EXISTING ROOF AS WELL. OTHER
BRACE NOT SHOWN BUT IS SIMILAR, MIRRORED.

Submitted 12/1/23



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NEW BRACE TO BEARING WALL

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PAGE #

PV 8 - DETAIL

DRAWN BY:

ZPM

DATE:

20/08/2022

DRAWING SCALE:

3/8" = 1'-0"

DESIGN

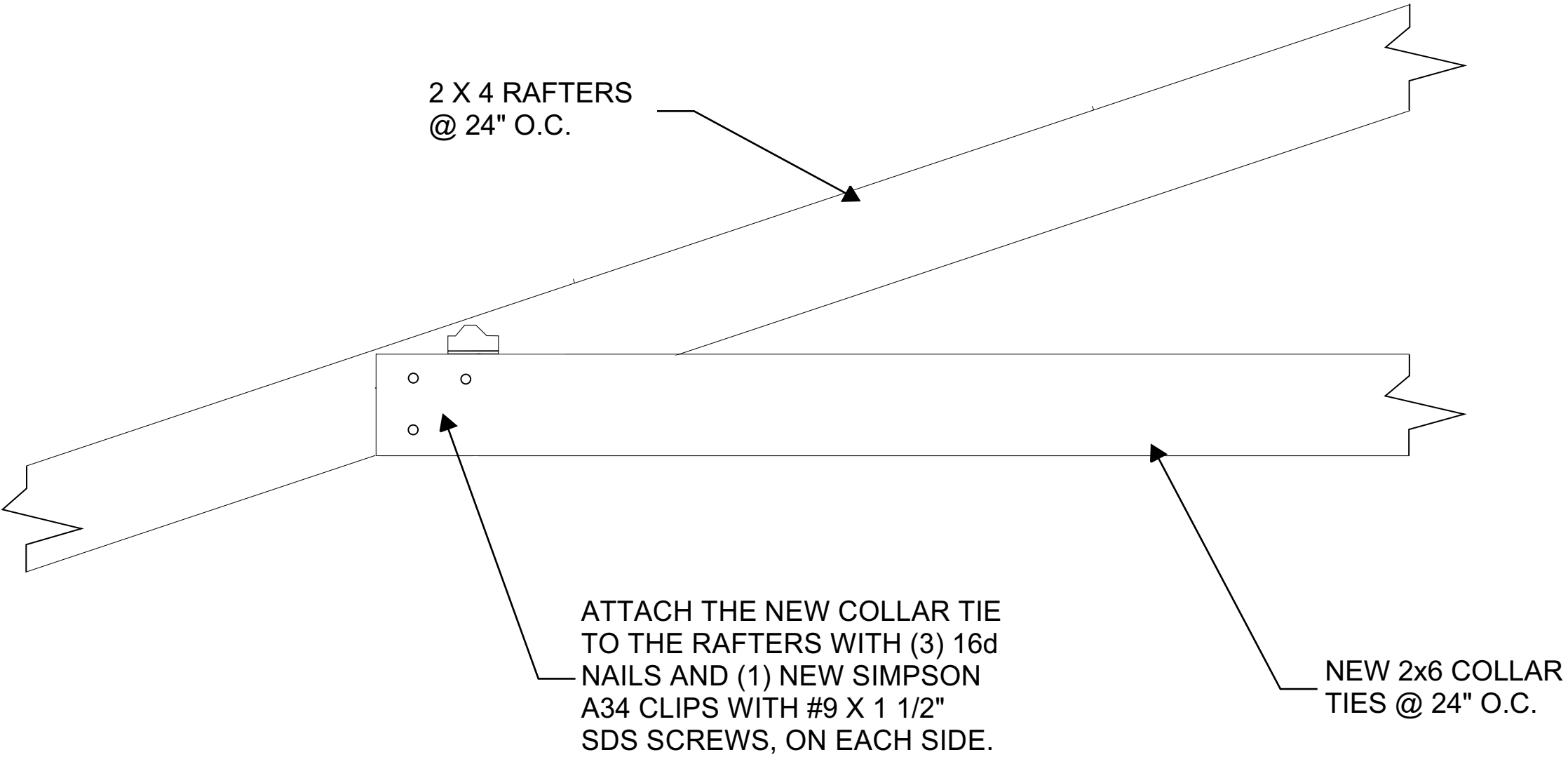
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PV 8

City Of Portland
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EXPIRES: 06/30/25
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NEW COLLAR TIE CONNECTION DETAIL

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			5424 SE 64th Ave, Portland, OR 97206	DATE: 20/08/2022	DESIGN
			S-1 - NEW COLLAR TIE CONNECTION DETAIL		1 S-1