ATTIC VENT CALCULATION — AREA "2A"

	REQUIRED	PROVIDED
-TOTAL ROOF AREA -PER FBC 2014 (1/300) -VENTILATED AREA	1,832 SF X 0.0033 **6.05 SF**	
-TOTAL SOFFIT LINEAR FOOT -OPENING NET VENTILATION -NET FREE AREA	**3.03 SF** **(50%)**	94.33 LF X 0.0625 SF **5.90 SF**
-NET RIDGE VENT AREA -LINEAR FEET OF VENT -NET FREE AREA		0.125 SF X 10.00 LF 1.25 SF
- NET OFF RIDGE VENT AREA - NUMBER OF VENTS (4')	**3.03 SF** **(50%)**	0.96 SF/UNIT X 2 1.92 SF
- TOTAL NET FREE AREA		**3.17 SF**
TOTAL VENTILATED AREA	**6.05 SF**	**9.07 SF**

ATTIC VENT CALCULATION — AREA "2B"

	REQUIRED	PROVIDED
-TOTAL ROOF AREA -PER FBC 2014 (1/300) -VENTILATED AREA	1,740 SF X 0.0033 **5.74 SF**	
-TOTAL SOFFIT LINEAR FOOT -OPENING NET VENTILATION -NET FREE AREA	**2.87 SF** **(50%)**	72.25 LF X 0.0625 SF **4.52 SF**
-NET RIDGE VENT AREA -LINEAR FEET OF VENT -NET FREE AREA	**2.87 SF** **(50%)**	0.125 SF X 32.00 LF **4.00 SF**
TOTAL VENTILATED AREA	**5.74 SF**	**8.52 SF**

ATTIC VENT CALCULATION — AREA "2C"

	REQUIRED	PROVIDED
-TOTAL ROOF AREA -PER FBC 2014 (1/300) -VENTILATED AREA	1,748 SF X 0.0033 **5.77 SF**	
-TOTAL SOFFIT LINEAR FOOT -OPENING NET VENTILATION -NET FREE AREA	**2.89 SF** **(50%)**	72.25 LF X 0.0625 SF **4.52 SF**
-NET RIDGE VENT AREA -LINEAR FEET OF VENT -NET FREE AREA	**2.89 SF** **(50%)**	0.125 SF X 32.00 LF **4.00 SF**
TOTAL VENTILATED AREA	**5.96 SF**	**8.52 SF**

ATTIC VENT CALCULATION — AREA "2D"

	REQUIRED	PROVIDED
-TOTAL ROOF AREA -PER FBC 2014 (1/300) -VENTILATED AREA	1,832 SF X 0.0033 **6.05 SF**	
-TOTAL SOFFIT LINEAR FOOT -OPENING NET VENTILATION -NET FREE AREA	**3.03 SF** **(50%)**	
-NET RIDGE VENT AREA -LINEAR FEET OF VENT -NET FREE AREA		0.125 SF X 10.00 LF 1.25 SF
- NET OFF RIDGE VENT AREA - NUMBER OF VENTS (4')	**3.03 SF** **(50%)**	
- TOTAL NET FREE AREA		**3.17 SF**
TOTAL VENTILATED AREA	**6.05 SF**	**9.07 SF**

VENTILATION SCHEDULE

ROOF VENT	MF'GR & MODEL #	FREE AREA
RIDGE VENT	CRV100 ALUMINUM CONTINUOUS UNFILTERED RIDGE VENT OR SIMILAR	18 NET SQ.IN / LIN. FT. = 0.125 SQ. FT. / LIN. FT.
SOFFIT VENT AT EAVE	HARDIE VENTED SOFFIT	5 NET SQ.IN. / LIN. FT.= 0.0347 SQ. FT. / LIN. FT.
SOFFIT VENT AT EAVE	TAMILYN VENTED SOFFIT 2" EZ VENT	9 NET SQ.IN / LIN. FT.= 0.0625 SQ. FT. / LIN. FT.

ATTIC VENT CALCULATION — AREA "2E"

	REQUIRED	PROVIDED
-TOTAL ROOF AREA -PER FBC 2014 (1/300) -VENTILATED AREA	2,493 SF X 0.0033 **8.23 SF**	
-TOTAL SOFFIT LINEAR FOOT -OPENING NET VENTILATION -NET FREE AREA	**4.12 SF** **(50%)**	116.67 LF X 0.0625 SF **7.29 SF**
-NET RIDGE VENT AREA -LINEAR FEET OF VENT -NET FREE AREA	**4.12 SF** **(50%)**	0.125 SF X 36.00 LF **4.50 SF**
TOTAL VENTILATED AREA	**8.23 SF**	**11.79 SF**

ATTIC VENT CALCULATION — AREA "2F"

	REQUIRED	PROVIDED
-TOTAL ROOF AREA -PER FBC 2014 (1/300) -VENTILATED AREA	2,415 SF X 0.0033 **7.97 SF**	
-TOTAL SOFFIT LINEAR FOOT -OPENING NET VENTILATION -NET FREE AREA	**3.99 SF** **(50%)**	83.58 LF X 0.0625 SF **5.22 SF**
-NET RIDGE VENT AREA -LINEAR FEET OF VENT -NET FREE AREA	**3.99 SF** **(50%)**	0.125 SF X 36.00 LF **4.50 SF**
TOTAL VENTILATED AREA	**7.97 SF**	**9.72 SF**

ATTIC VENT CALCULATION — AREA "2G"

	REQUIRED	PROVIDED
-TOTAL ROOF AREA -PER FBC 2014 (1/300) -VENTILATED AREA	2,493 SF X 0.0033 **8.23 SF**	
-TOTAL SOFFIT LINEAR FOOT -OPENING NET VENTILATION -NET FREE AREA	**4.12 SF** **(50%)**	116.67 LF X 0.0625 SF **7.29 SF**
-NET RIDGE VENT AREA -LINEAR FEET OF VENT -NET FREE AREA	**4.12 SF** **(50%)**	0.125 SF X 36.00 LF **4.50 SF**
TOTAL VENTILATED AREA	**8.23 SF**	**11.79 SF**

ROOF NOTES:

1. PAINT ALL ROOF VENTS & PENETRATIONS TO MATCH ROOF COLOR
2. COORDINATE DOWN SPOUT DISCHARGE WITH CIVIL DRAWINGS. WHERE NOT TAKEN TO STORM, PROVIDE SPLASH BLOCK.
3. LEAVE OPENING IN MAIN ROOF SHEATHING FOR VENTILATION UNDERNEATH OVER BUILT AREAS.
4. DOWNSPOUTS AND GUTTERS SHOWN ARE MIN. REQUIREMENTS SUBJECT TO OWNER'S CONSIDERATIONS

LEGEND:

- ATTIC PARTITION. NOTE: DRAFTSTOPPING IS REQUIRED (SEE A0.02 CODE REVIEW). PARTITIONS PROVIDED FOR ACOUSTIC SEPARATION BETWEEN UNITS.
- REMOVABLE ACCESS PANEL. MIN. 36" X 36". SEE DETAIL F1/A5.05
- 3'-0" WIDE ONE ADDITIONAL SINGLE PLY TO PROVIDE A WALK PATH SURFACE AND SERVICE AREA AROUND ROOF MOUNTED EQUIPMENT, TYP.
- AREA OF TAPERED INSULATION
- AREA OF OVERBUILD 45 DEGREE KICKERS AT PARAPET
- RIDGE VENT
- D.S. DOWNSPOUT
- OFF-RIDGE VENT

H1 BUILDING TYPE 2 - TOP ROOF
1/8" = 1'-0"

PERMIT REVIEW STAMP

ISSUE HISTORY

No.	Date	Description
1	1/18/2018	ISSUE FOR PERMIT

REVISION HISTORY

No.	Date	Description

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FUGLEBERG KOCH
2555 Temple Trail, Winter Park, FL 32789 (407) 629-0595
www.fuglebergkoch.com AA26002103

CONSULTANT

MICHAEL E. GOVE
FLORIDA LICENSE # AR94111

STATE OF FLORIDA MICHAEL E. GOVE AR94111 REGISTERED ARCHITECT

Digitally signed by Michael Gove
Date: 2018.01.18 09:45:45-05'00'

SUMMER BAY APTS. II
LAKE COUNTY, FL

Drawn:	Author
Checked:	Checker
Approval:	Approver
Date:	Issue Date
Project #:	5389

BUILDING TYPE 2 - TOP ROOF PLAN

A2.13

PLOTTED: 1/22/2018 10:02:46 AM