ATTIC VENT CALCULATION — AREA "1A"

	REQUIRED	PROVIDED
-TOTAL ROOF AREA -PER FBC 2014 (1/300) -VENTILATED AREA	1,815 SF X 0.0033 **6.00 SF**	
-TOTAL SOFFIT LINEAR FOOT -OPENING NET VENTILATION -NET FREE AREA	**3.00 SF** **(50%)**	105.67 LF X 0.0625 SF **6.60 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')	**3.00 SF** **(50%)**	0.96 SF/UNIT X 2 1.92 SF
- TOTAL NET FREE AREA		**3.17 SF**
TOTAL VENTILATED AREA	**6.00 SF**	**9.77 SF**

ATTIC VENT CALCULATION — AREA "1B"

	REQUIRED	PROVIDED
-TOTAL ROOF AREA -PER FBC 2014 (1/300) -VENTILATED AREA	1,741 SF X 0.0033 **5.75 SF**	
-TOTAL SOFFIT LINEAR FOOT -OPENING NET VENTILATION -NET FREE AREA	**2.88 SF** **(50%)**	81.00 LF X 0.0625 SF **5.06 SF**
-NET RIDGE VENT AREA -LINEAR FEET OF VENT -NET FREE AREA	**2.88 SF** **(50%)**	0.125 SF X 24.0 LF **3.00 SF**
TOTAL VENTILATED AREA	**5.75 SF**	**8.06 SF**

ATTIC VENT CALCULATION — AREA "1C"

	REQUIRED	PROVIDED
-TOTAL ROOF AREA -PER FBC 2014 (1/300) -VENTILATED AREA	1,741 SF X 0.0033 **5.75 SF**	
-TOTAL SOFFIT LINEAR FOOT -OPENING NET VENTILATION -NET FREE AREA	**2.88 SF** **(50%)**	81.00 LF X 0.0625 SF **5.06 SF**
-NET RIDGE VENT AREA -LINEAR FEET OF VENT -NET FREE AREA	**2.88 SF** **(50%)**	0.125 SF X 24.0 LF **3.00 SF**
TOTAL VENTILATED AREA	**5.75 SF**	**8.06 SF**

ATTIC VENT CALCULATION — AREA "1D"

	REQUIRED	PROVIDED
-TOTAL ROOF AREA -PER FBC 2014 (1/300) -VENTILATED AREA	1,815 SF X 0.0033 **6.00 SF**	
-TOTAL SOFFIT LINEAR FOOT -OPENING NET VENTILATION -NET FREE AREA	**3.00 SF** **(50%)**	105.67 LF X 0.0625 SF **6.60 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')	**3.00 SF** **(50%)**	0.96 SF/UNIT X 2 1.92 SF
- TOTAL NET FREE AREA		**3.17 SF**
TOTAL VENTILATED AREA	**6.00 SF**	**9.77 SF**

VENTILATION SCHEDULE

ROOF VENT	MFGR & MODEL #	FREE AREA
RIDGE VENT	COBRA RIDGE VENT 3 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	TAMLYN VENTED SOFFIT 2" EZ VENT	9 NET SQ.IN / LIN. FT.= 0.0625 SQ. FT. / LIN. FT.

ATTIC VENT CALCULATION — AREA "1E"

	REQUIRED	PROVIDED
-TOTAL ROOF AREA -PER FBC 2014 (1/300) -VENTILATED AREA	2,489 SF X 0.0033 **8.21 SF**	
-TOTAL SOFFIT LINEAR FOOT -OPENING NET VENTILATION -NET FREE AREA	**4.11 SF** **(50%)**	129.33 LF X 0.0625 SF **8.08 SF**
-NET RIDGE VENT AREA -LINEAR FEET OF VENT -NET FREE AREA	**4.11 SF** **(50%)**	0.125 SF X 36.00 LF **4.50 SF**
TOTAL VENTILATED AREA	**8.21 SF**	**12.58 SF**

ATTIC VENT CALCULATION — AREA "1F"

	REQUIRED	PROVIDED
-TOTAL ROOF AREA -PER FBC 2014 (1/300) -VENTILATED AREA	2,820 SF X 0.0033 **9.31 SF**	
-TOTAL SOFFIT LINEAR FOOT -OPENING NET VENTILATION -NET FREE AREA	**4.66 SF** **(50%)**	124.17 LF X 0.0625 SF **7.76 SF**
-NET RIDGE VENT AREA -LINEAR FEET OF VENT -NET FREE AREA	**4.66 SF** **(50%)**	0.125 SF X 48.00 LF **6.00 SF**
TOTAL VENTILATED AREA	**9.31 SF**	**13.76 SF**

ATTIC VENT CALCULATION — AREA "1G"

	REQUIRED	PROVIDED
-TOTAL ROOF AREA -PER FBC 2014 (1/300) -VENTILATED AREA	2,489 SF X 0.0033 **8.21 SF**	
-TOTAL SOFFIT LINEAR FOOT -OPENING NET VENTILATION -NET FREE AREA	**4.11 SF** **(50%)**	129.33 LF X 0.0625 SF **8.08 SF**
-NET RIDGE VENT AREA -LINEAR FEET OF VENT -NET FREE AREA	**4.11 SF** **(50%)**	0.125 SF X 36.00 LF **4.50 SF**
TOTAL VENTILATED AREA	**8.21 SF**	**12.58 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 1 - TOP ROOF LEVEL
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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CONSULTANT

MICHAEL E. GOVE
FLORIDA LICENSE # AR94111

STATE OF FLORIDA · MICHAEL E. GOVE · AR94111 · REGISTERED ARCHITECT

Digitally signed by Michael Gove
Date: 2018.01.22 13:37:14 -05'00'

SUMMER BAY APTS. II LAKE COUNTY, FL	Drawn: Author Checked: Checker Approval: Approver Date: Issue Date Project #: 5389
BUILDING TYPE 1 - TOP ROOF PLAN	
A2.06	

PLOTTED: 1/22/2018 9:39:10 AM

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