

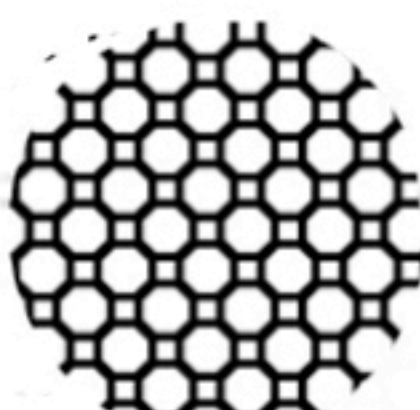
Castle



Charleston



Classic



Cobblestone



Contemporary



Corinthian



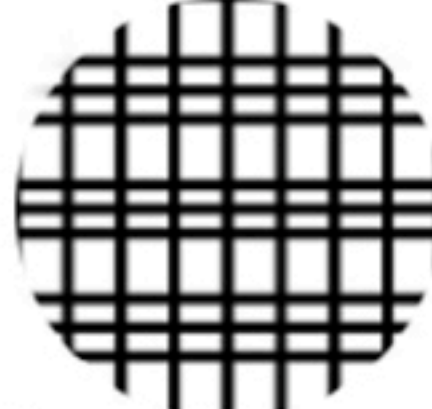
Expo



Gothic



Herringbone



Mission



Mountain



New Classic



Omni



Pinecone



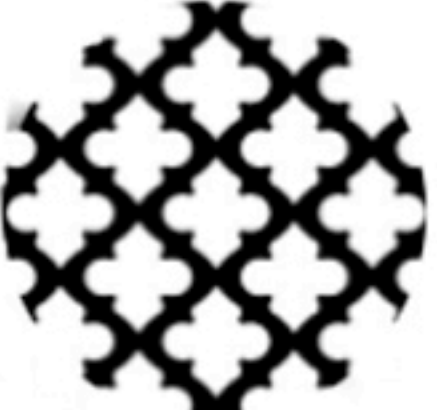
Presidential



Pro Linear



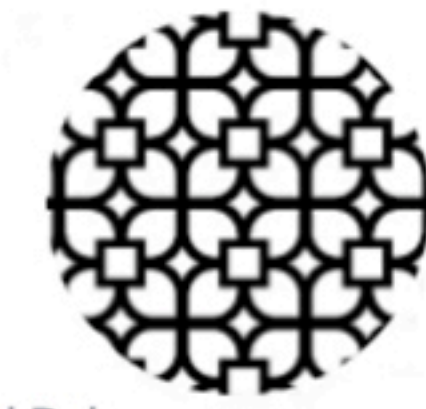
Pro Vertical



Regency



Renaissance



Royal Palm



Santa Fe



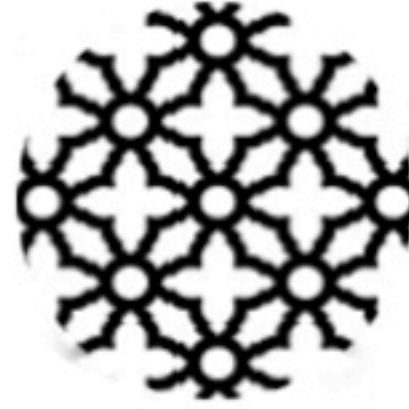
Vogue



Square



Stonewall



Traditional



Tuscan



Victorian



Vine



Vineyard

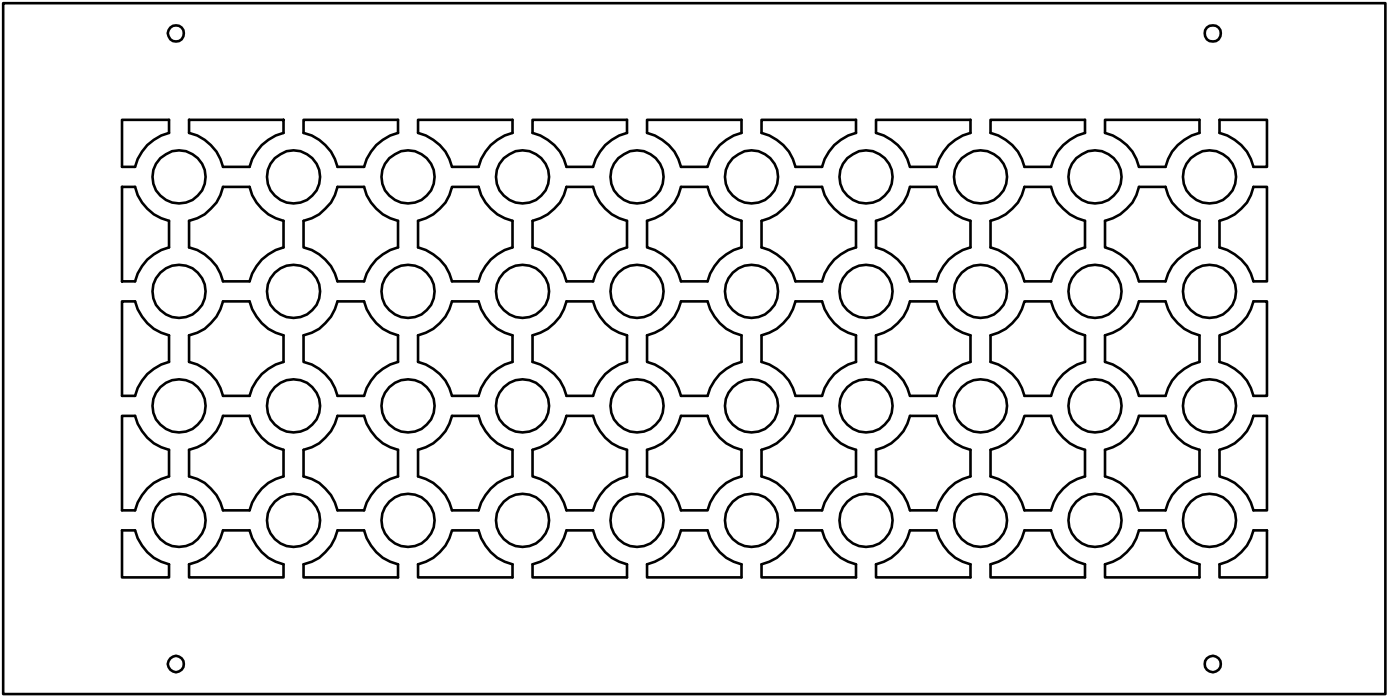
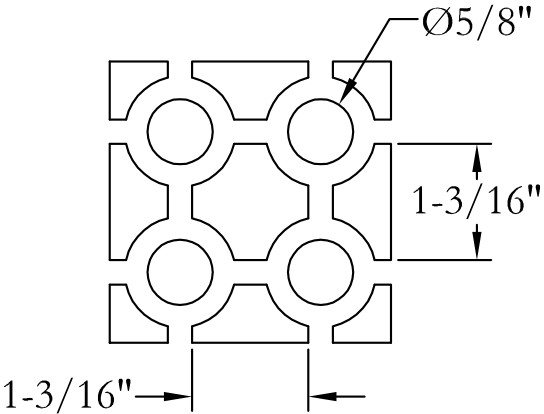


Vintage

PATTERN DETAIL

MEASUREMENTS

NOTE: MEASUREMENTS ARE APPROXIMATE AND WILL VARY WITH REGISTER SIZE.



Vent+Cover

MATERIAL: 11 GAUGE STEEL
ABOVE DIMENSIONS ARE IN INCHES
FINISH: TO BE DETERMINED

PATTERN OPENNESS: 65%

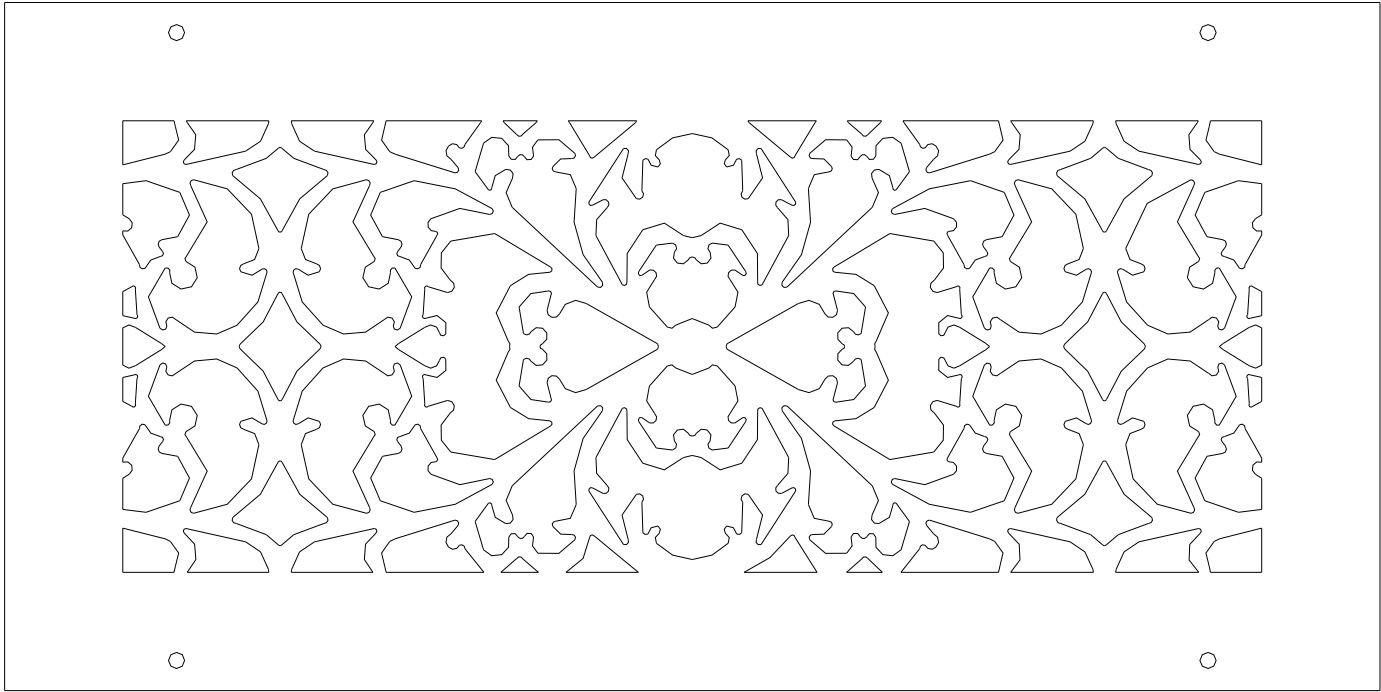
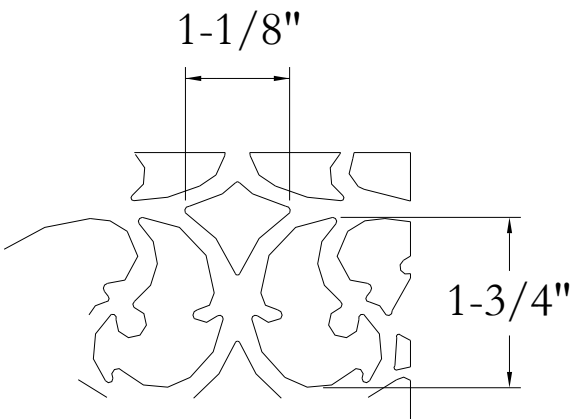
SCALE	NONE
DRAWN	KG
DATE	10-18-18
Q.A.	
COMMENTS	

CASTLE DESIGN

PATTERN DETAIL

MEASUREMENTS

NOTE: MEASUREMENTS ARE APPROXIMATE AND WILL VARY WITH REGISTER SIZE.



Vent+Cover

MATERIAL: 11 GAUGE STEEL
ABOVE DIMENSIONS ARE IN INCHES
FINISH: TO BE DETERMINED

PATTERN OPENNESS: 65%

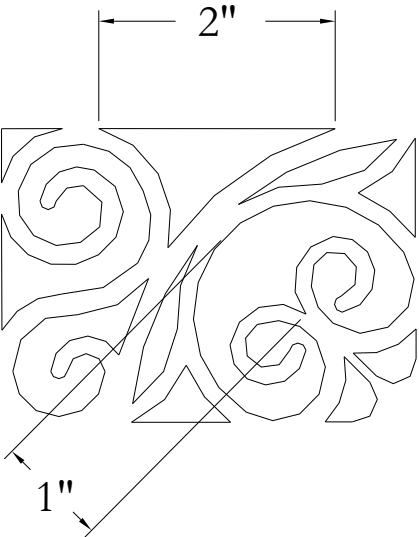
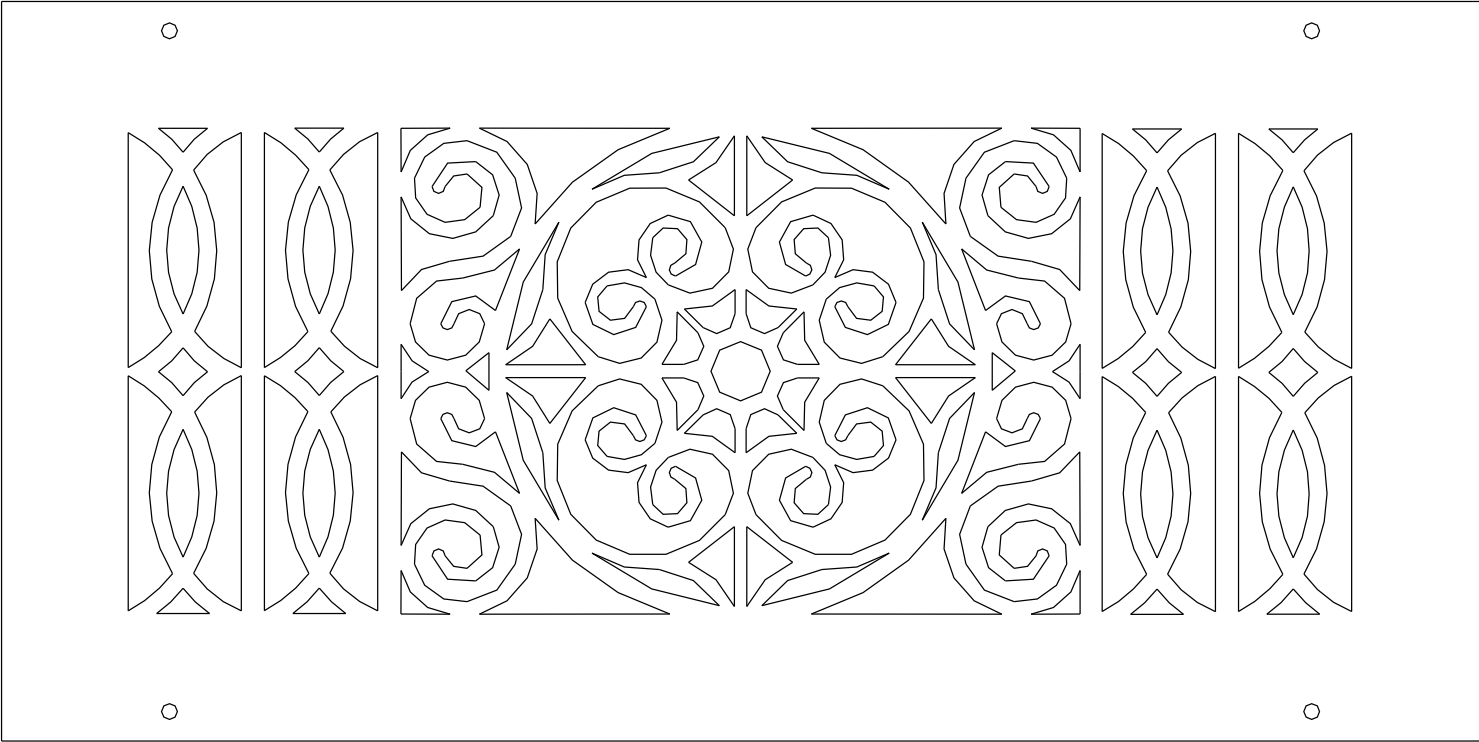
SCALE	NONE
DRAWN	KG
DATE	10-18-18
Q.A.	
COMMENTS	

CHARLESTON DESIGN

PATTERN DETAIL

MEASUREMENTS

NOTE: MEASUREMENTS ARE APPROXIMATE AND WILL VARY WITH REGISTER SIZE.



Vent+Cover

MATERIAL: 11 GAUGE STEEL
ABOVE DIMENSIONS ARE IN INCHES
FINISH: TO BE DETERMINED

PATTERN OPENNESS: 65%

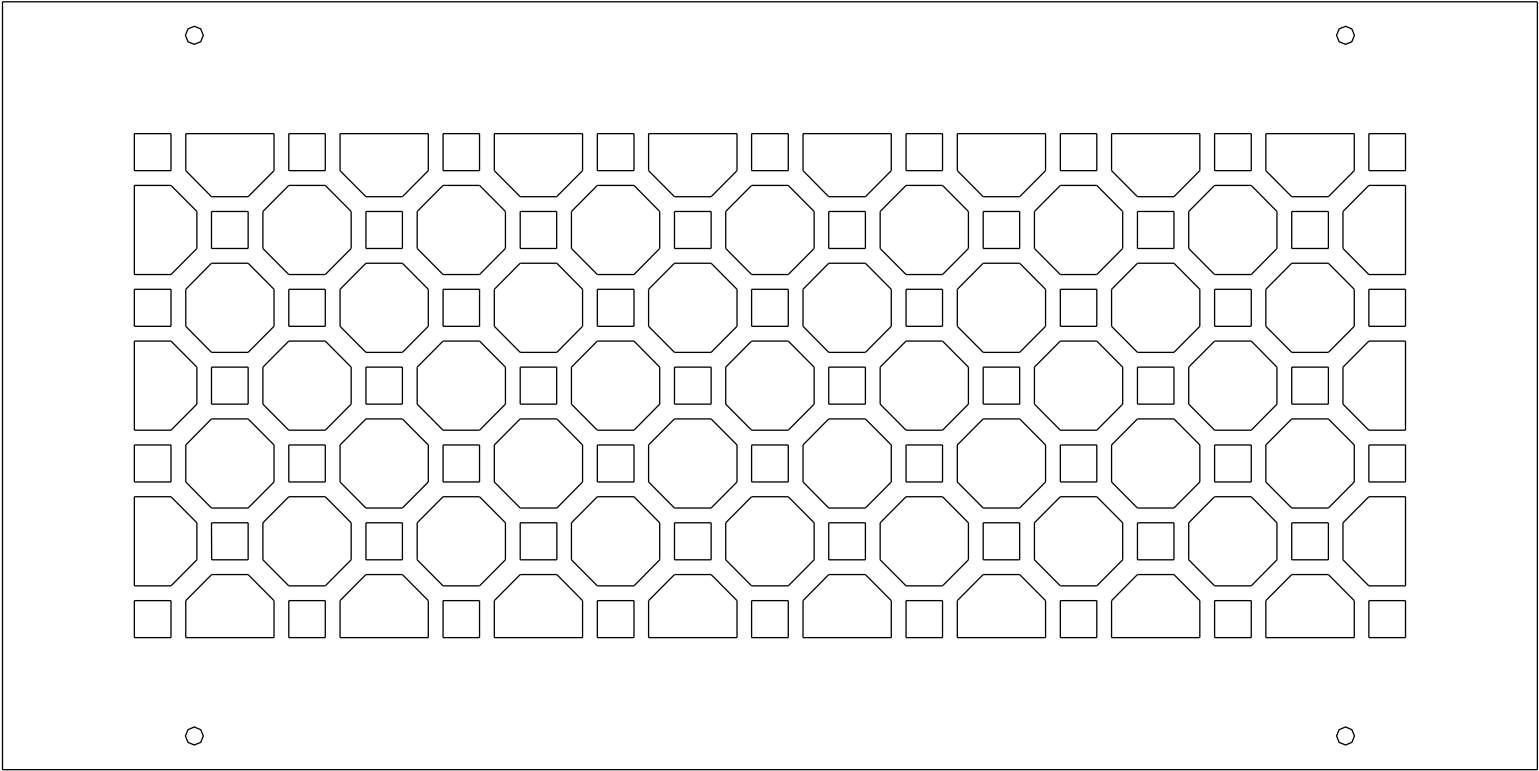
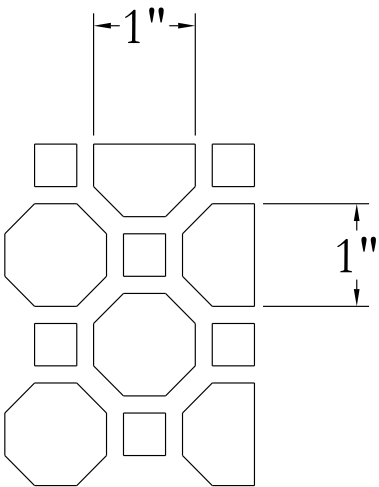
SCALE	NONE
DRAWN	KG
DATE	10-18-18
Q.A.	
COMMENTS	

CLASSIC DESIGN

PATTERN DETAIL

MEASUREMENTS

NOTE: MEASUREMENTS ARE APPROXIMATE AND WILL VARY WITH REGISTER SIZE.



Vent+Cover

MATERIAL: 11 GAUGE STEEL
ABOVE DIMENSIONS ARE IN INCHES
FINISH: TO BE DETERMINED

PATTERN OPENNESS: 67%

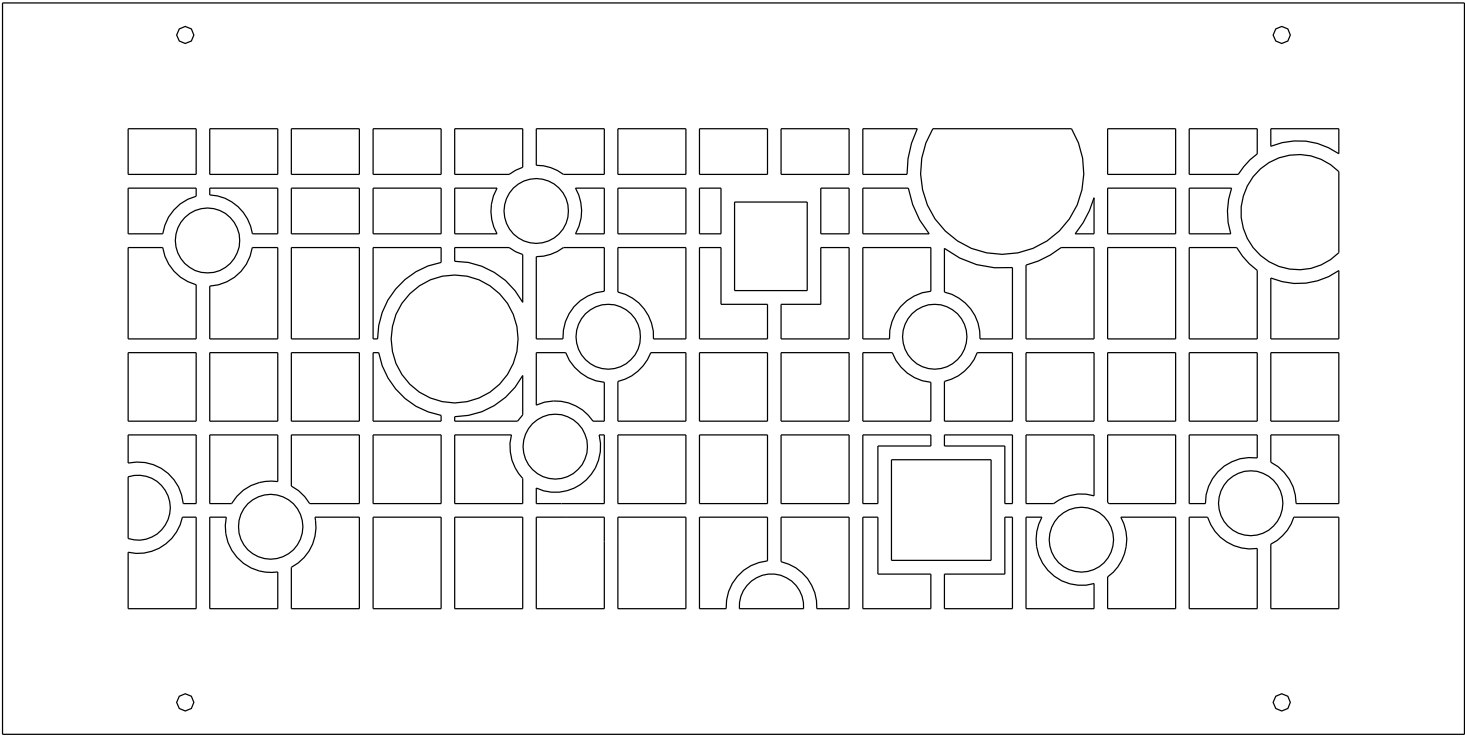
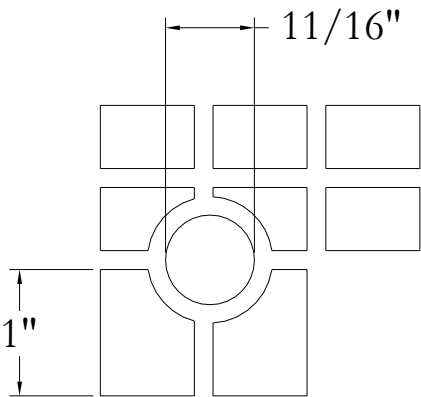
SCALE	NONE
DRAWN	KG
DATE	10-18-18
Q.A.	
COMMENTS	

COBBLESTONE DESIGN

PATTERN DETAIL

MEASUREMENTS

NOTE: MEASUREMENTS ARE APPROXIMATE AND WILL VARY WITH REGISTER SIZE.



Vent+Cover

MATERIAL: 11 GAUGE STEEL
ABOVE DIMENSIONS ARE IN INCHES
FINISH: TO BE DETERMINED

PATTERN OPENNESS: 65%

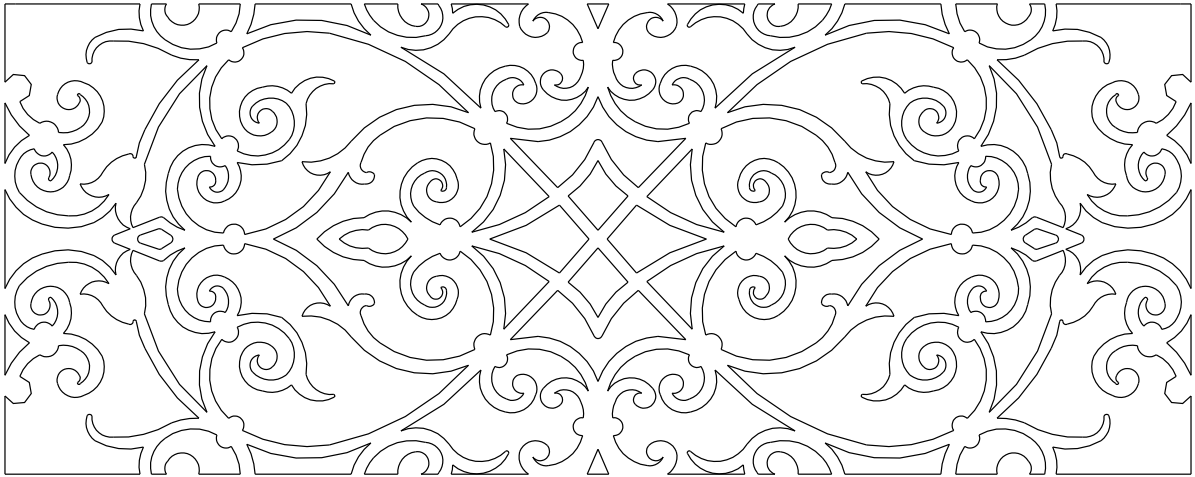
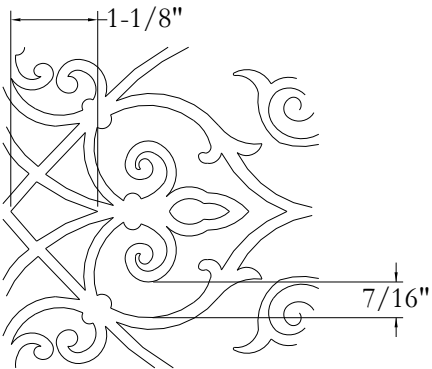
SCALE	NONE
DRAWN	KG
DATE	10-18-18
Q.A.	
COMMENTS	

**CONTEMPORARY
DESIGN**

PATTERN DETAIL

MEASUREMENTS

NOTE: MEASUREMENTS ARE APPROXIMATE AND WILL VARY WITH REGISTER SIZE.



MATERIAL: 11 GAUGE STEEL
ABOVE DIMENSIONS ARE IN INCHES
FINISH: TO BE DETERMINED

PATTERN OPENNESS: 67%

SCALE	NONE
DRAWN	KG
DATE	10-18-18
Q.A.	
COMMENTS	

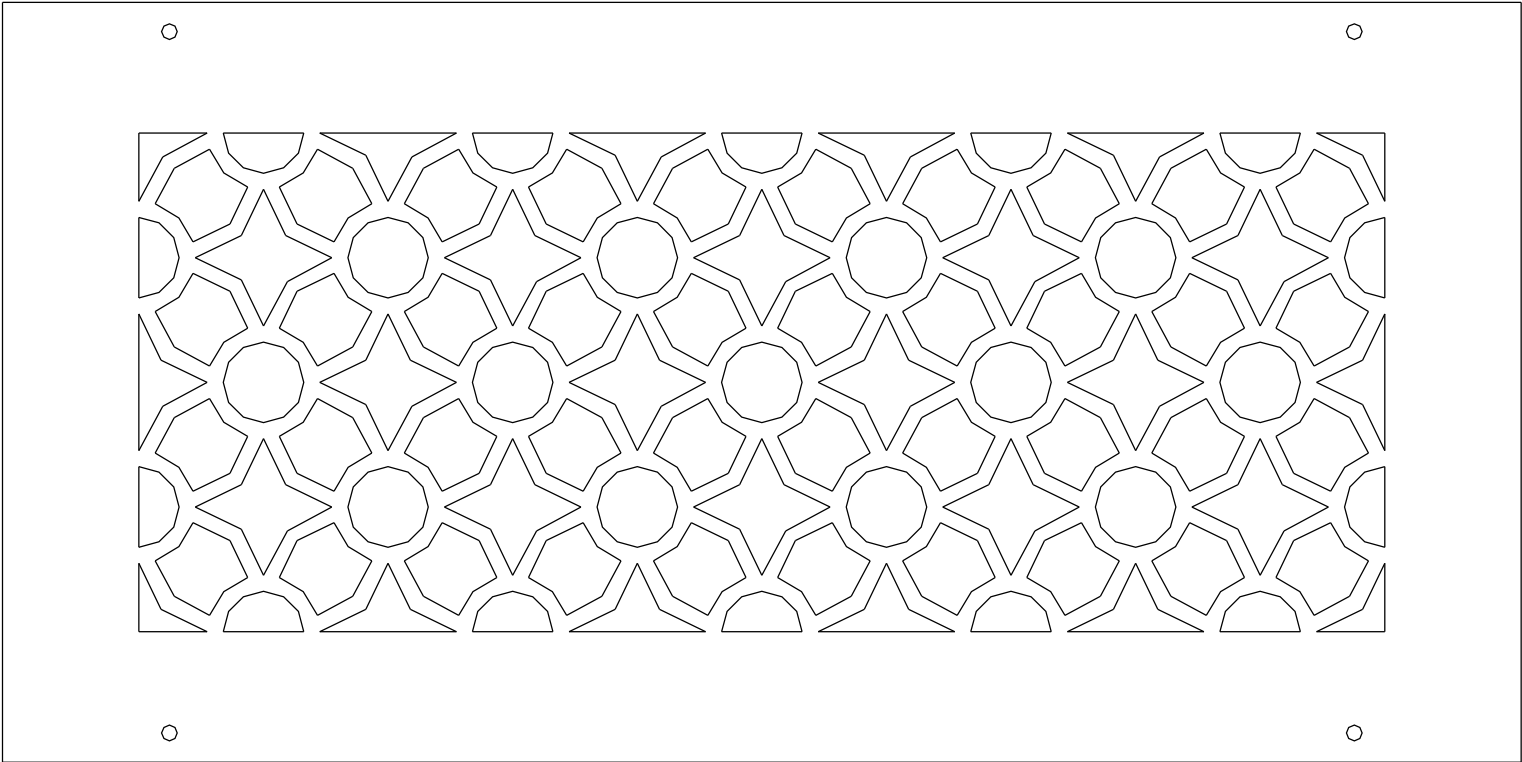
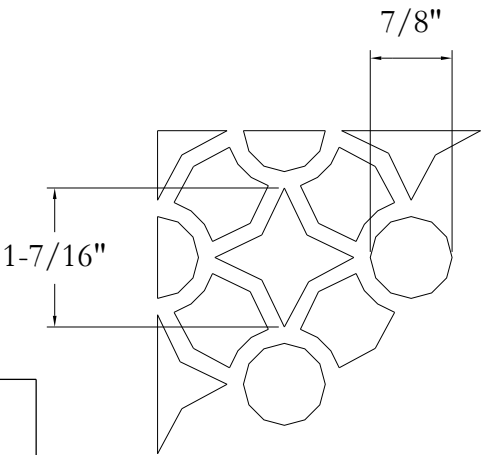
Vent+Cover

CORINTHIAN DESIGN

PATTERN DETAIL

MEASUREMENTS

NOTE: MEASUREMENTS ARE APPROXIMATE AND WILL VARY WITH REGISTER SIZE.



Vent+Cover

MATERIAL: 11 GAUGE STEEL
ABOVE DIMENSIONS ARE IN INCHES
FINISH: TO BE DETERMINED

PATTERN OPENNESS: 67%

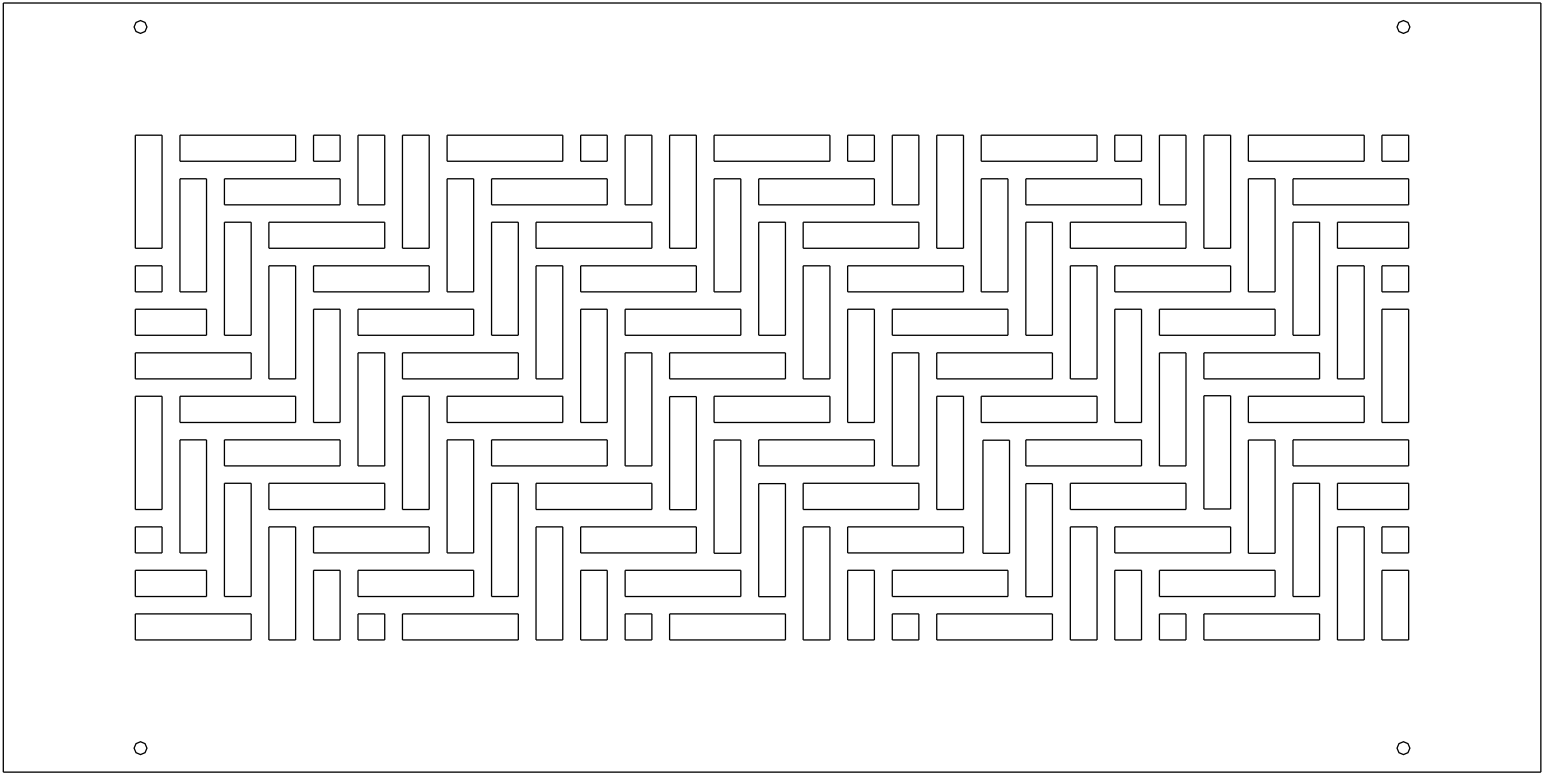
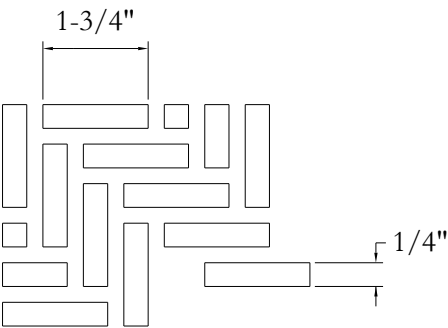
SCALE	NONE
DRAWN	KG
DATE	10-18-18
Q.A.	
COMMENTS	

EXPO DESIGN

PATTERN DETAIL

MEASUREMENTS

NOTE: MEASUREMENTS ARE APPROXIMATE AND WILL VARY WITH REGISTER SIZE.



Vent+Cover

MATERIAL: 11 GAUGE STEEL
ABOVE DIMENSIONS ARE IN INCHES
FINISH: TO BE DETERMINED

PATTERN OPENNESS: 63%

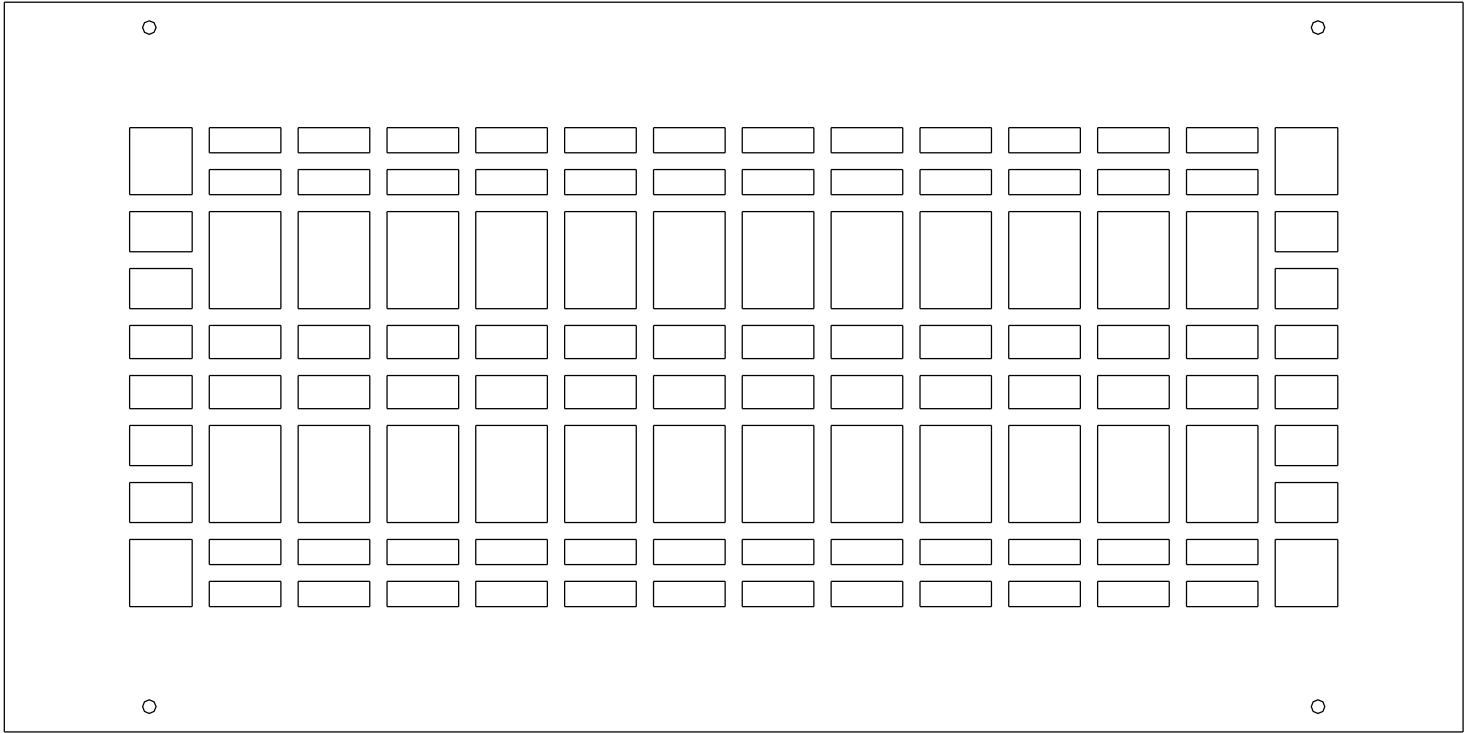
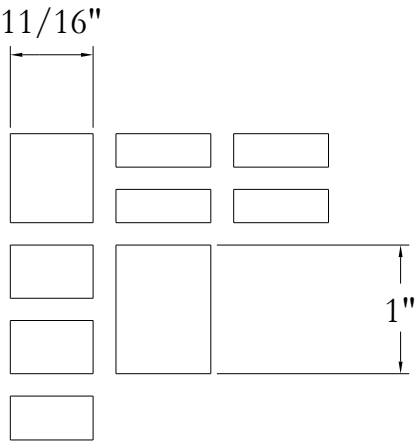
SCALE	NONE
DRAWN	KG
DATE	10-18-18
Q.A.	
COMMENTS	

HERRINGBONE DESIGN

PATTERN DETAIL

MEASUREMENTS

NOTE: MEASUREMENTS ARE APPROXIMATE AND WILL VARY WITH REGISTER SIZE.



Vent+Cover

MATERIAL: 11 GAUGE STEEL
ABOVE DIMENSIONS ARE IN INCHES
FINISH: TO BE DETERMINED

PATTERN OPENNESS: 62%

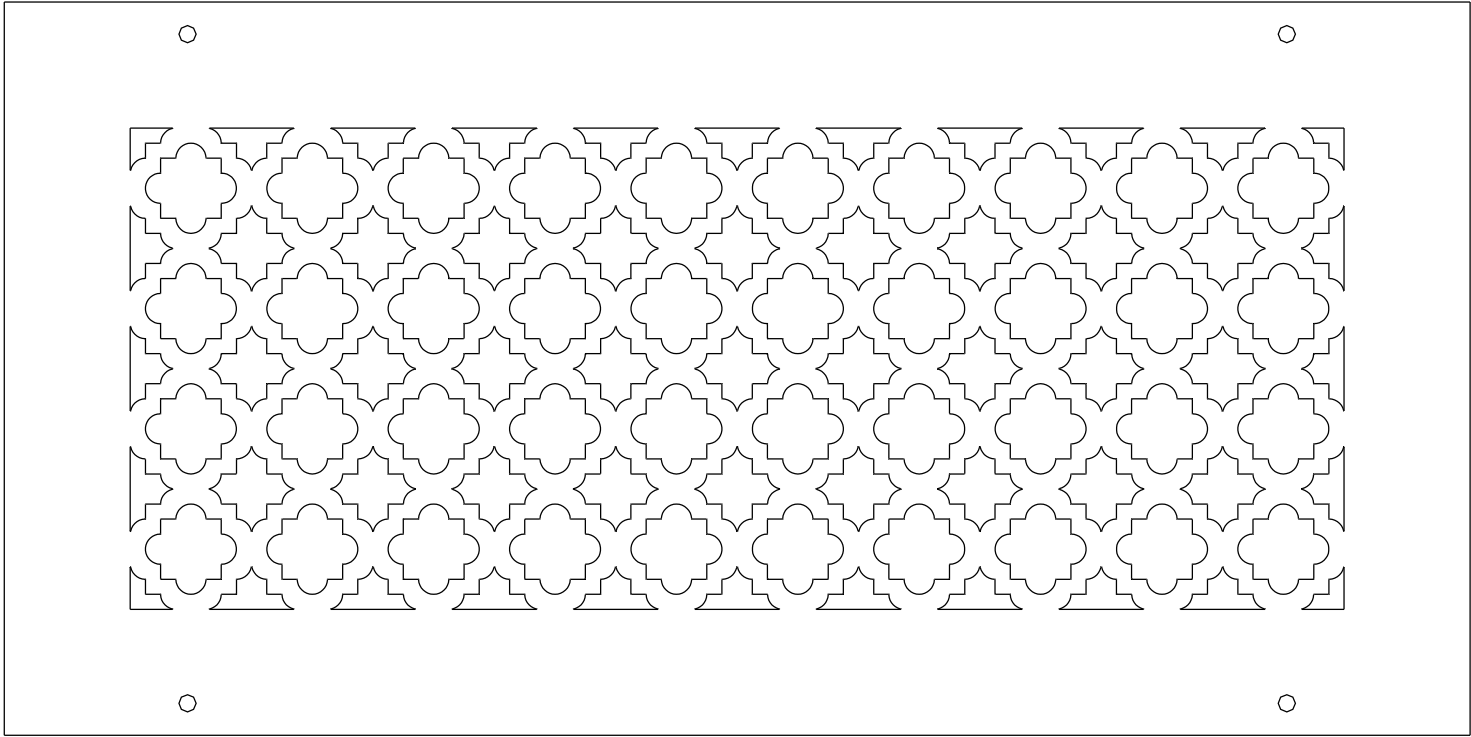
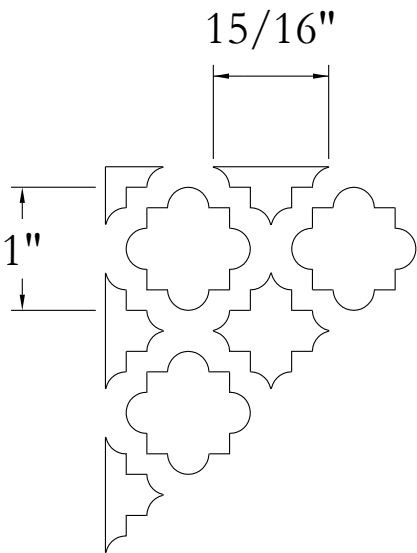
SCALE	NONE
DRAWN	KG
DATE	10-18-18
Q.A.	
COMMENTS	

MISSION DESIGN

PATTERN DETAIL

MEASUREMENTS

NOTE: MEASUREMENTS ARE APPROXIMATE AND WILL VARY WITH REGISTER SIZE.



Vent+Cover

MATERIAL: 11 GAUGE STEEL
ABOVE DIMENSIONS ARE IN INCHES
FINISH: TO BE DETERMINED

PATTERN OPENNESS: 65%

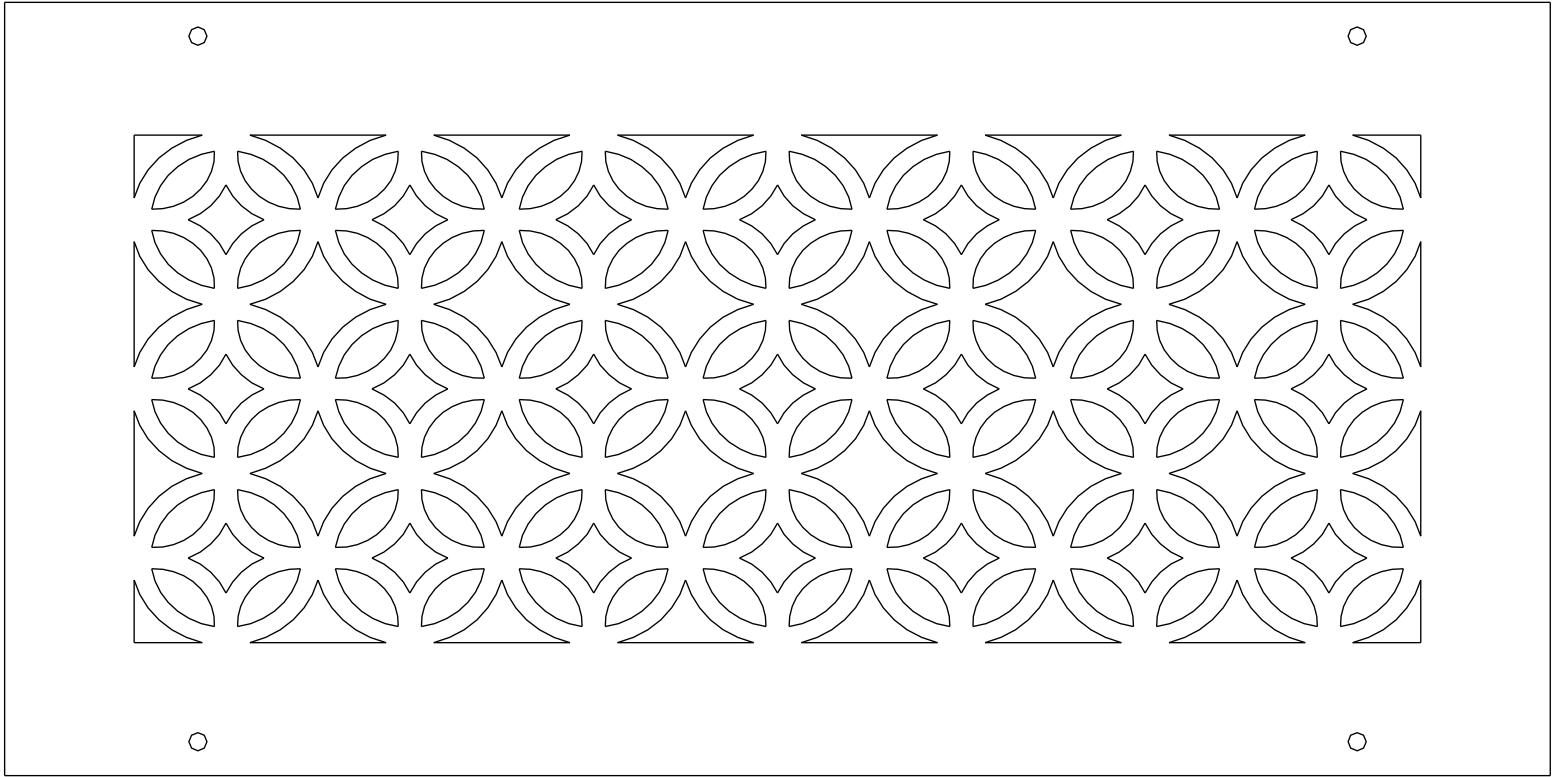
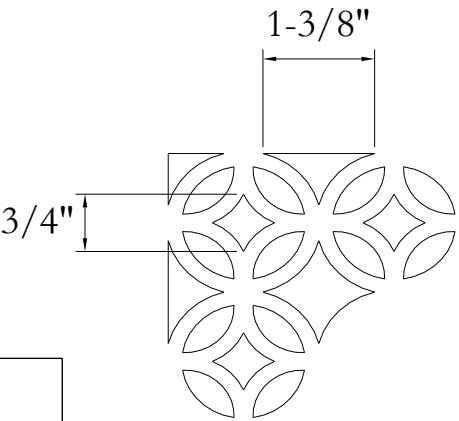
SCALE	NONE
DRAWN	KG
DATE	10-18-18
Q.A.	
COMMENTS	

NEW CLASSIC DESIGN

PATTERN DETAIL

MEASUREMENTS

NOTE: MEASUREMENTS ARE APPROXIMATE AND WILL VARY WITH REGISTER SIZE.



Vent+Cover

MATERIAL: 11 GAUGE STEEL
ABOVE DIMENSIONS ARE IN INCHES
FINISH: TO BE DETERMINED

PATTERN OPENNESS: 47%

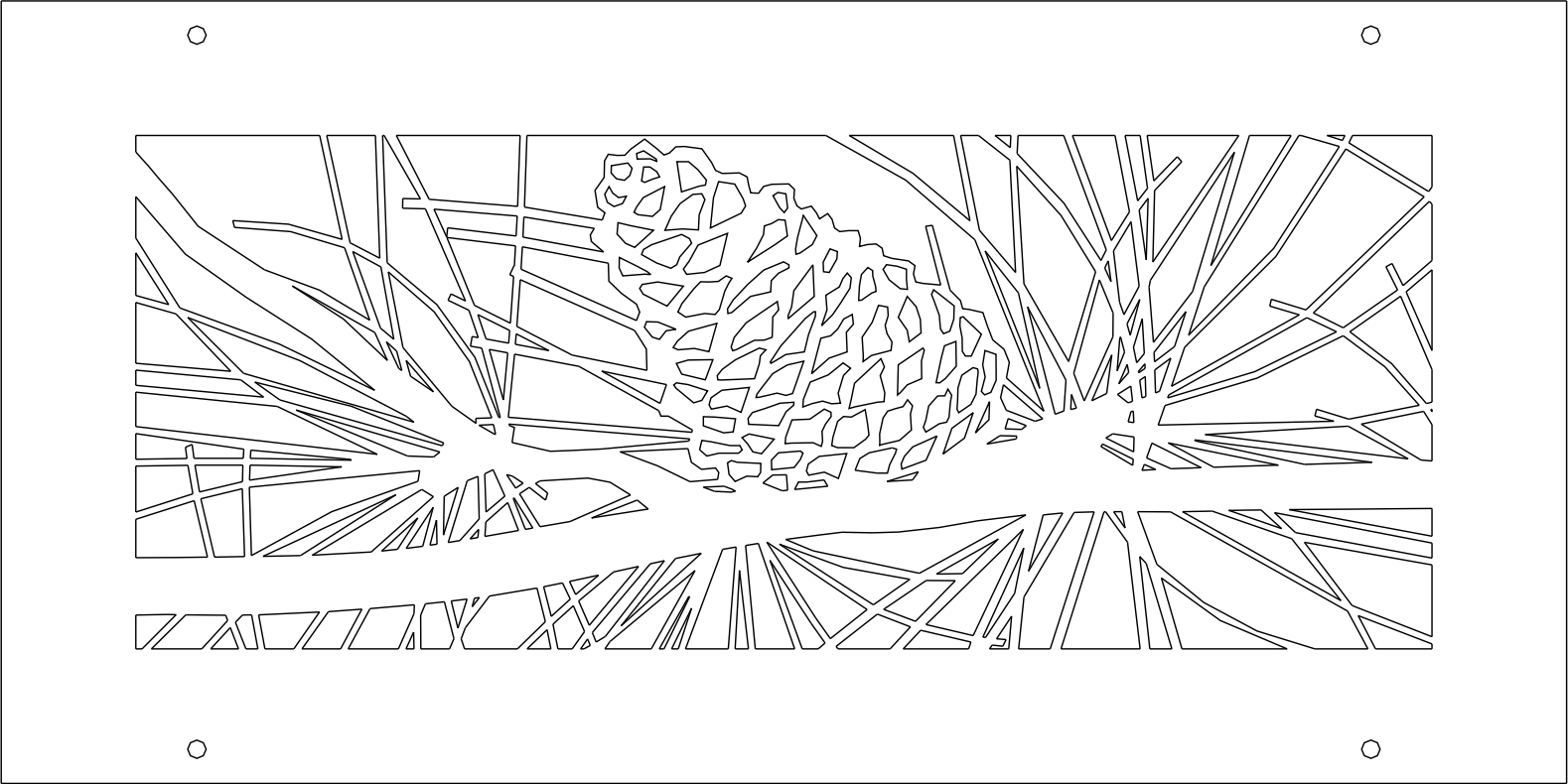
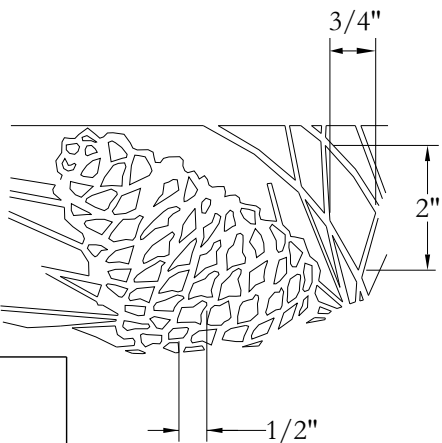
SCALE	NONE
DRAWN	KG
DATE	10-18-18
Q.A.	
COMMENTS	

OMNI DESIGN

PATTERN DETAIL

MEASUREMENTS

NOTE: MEASUREMENTS ARE APPROXIMATE AND WILL VARY WITH REGISTER SIZE.



MATERIAL: 11 GAUGE STEEL
ABOVE DIMENSIONS ARE IN INCHES
FINISH: TO BE DETERMINED

PATTERN OPENNESS: 63%

SCALE	NONE
DRAWN	KG
DATE	10-18-18
Q.A.	
COMMENTS	

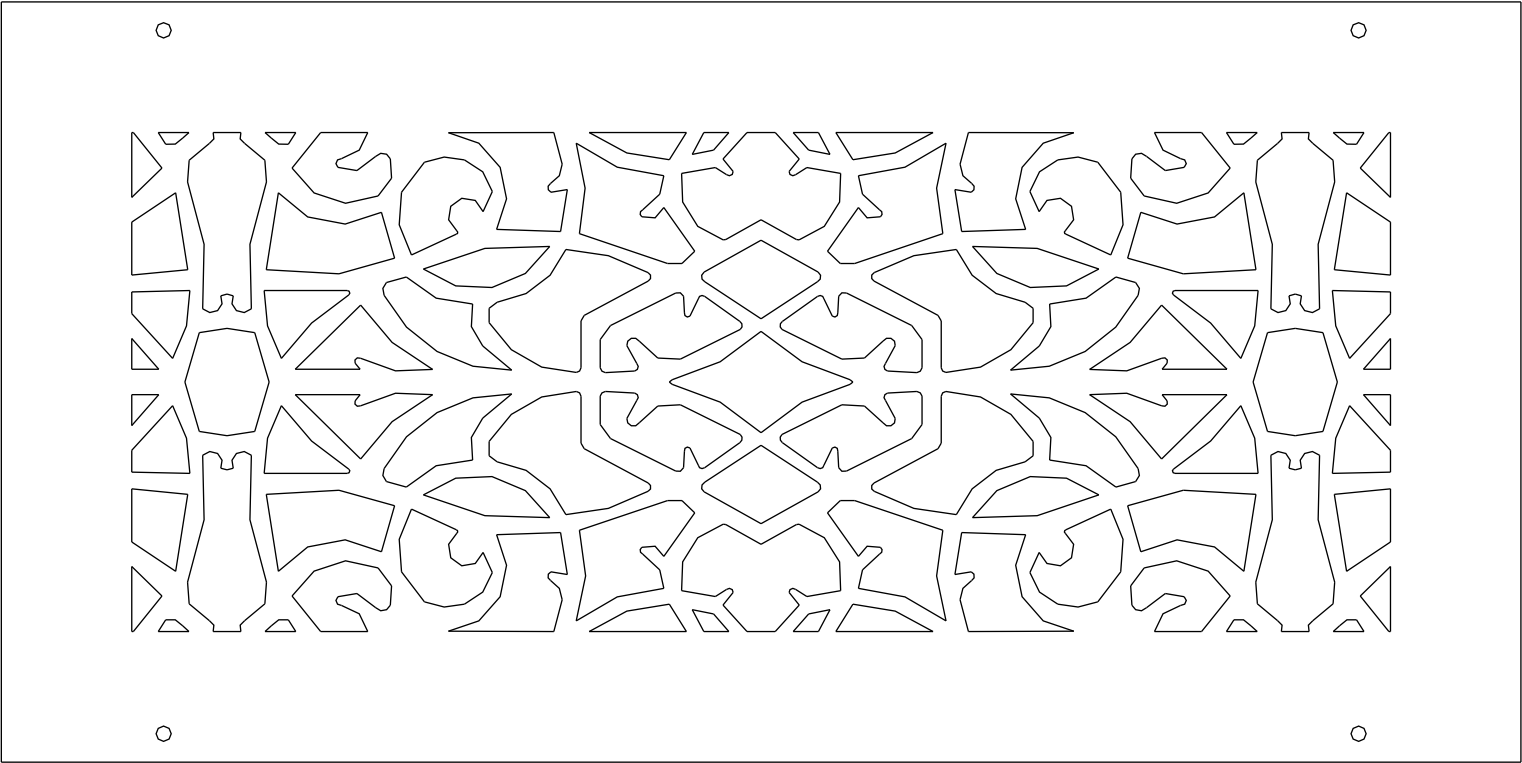
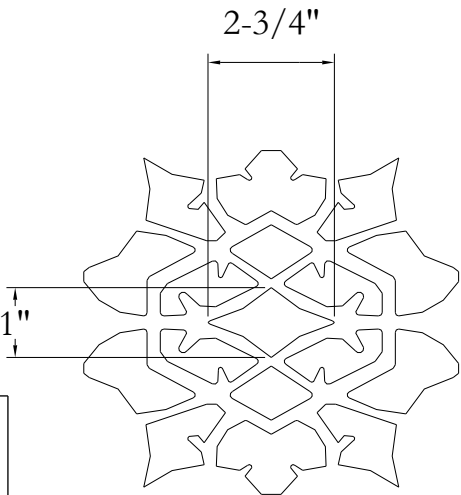
Vent+Cover

PINECONE DESIGN

PATTERN DETAIL

MEASUREMENTS

NOTE: MEASUREMENTS ARE APPROXIMATE AND WILL VARY WITH REGISTER SIZE.



Vent+Cover

MATERIAL: 11 GAUGE STEEL
ABOVE DIMENSIONS ARE IN INCHES
FINISH: TO BE DETERMINED

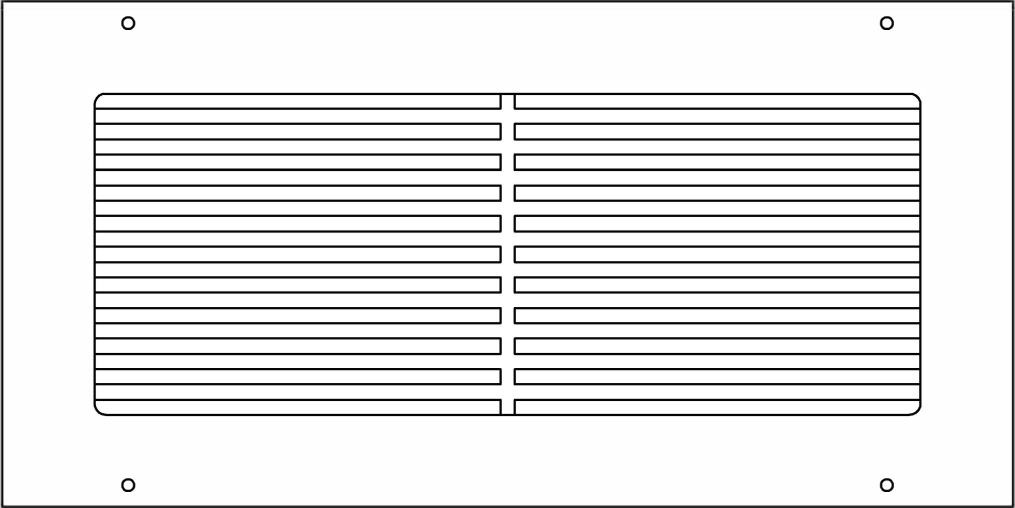
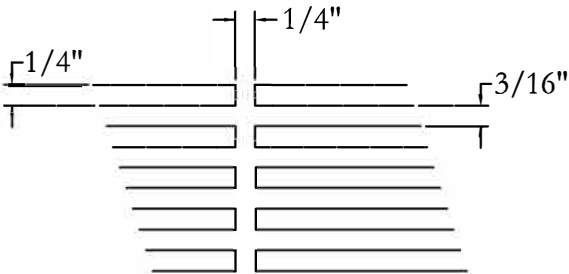
PATTERN OPENNESS: 63%

SCALE	NONE
DRAWN	KG
DATE	10-18-18
Q.A.	
COMMENTS	

PRESIDENTIAL DESIGN

PATTERN DETAIL
MEASUREMENTS

NOTE: MEASUREMENTS ARE APPROXIMATE AND WILL VARY WITH COVER SIZE.



AIR FLOW/PERFORMANCE DATA

Velocity	250	500	750	1000	1500
Static Pressure	0.009	0.018	0.027	0.036	0.055
Size	CUBIC FEET PER MINUTE (CFM)				
6x6 (.25 ft²)	45	92	135	185	275
8x8 (.44 ft²)	80	160	240	320	480
10x10 (.69 ft²)	125	250	375	500	750
12x12 (1.0 ft²)	180	360	540	720	1100
14x14 (1.36 ft²)	245	490	735	980	1470
8x6 (.33 ft²)	60	120	180	240	360
10x6 (.42 ft²)	75	150	225	300	450
12x6 (.5 ft²)	90	180	270	360	540
14x6 (.58 ft²)	105	210	315	420	630
16x6 (.67 ft²)	120	240	360	480	720
18x6 (.75 ft²)	135	270	405	540	810
20x6 (.83 ft²)	150	300	450	600	900
10x8 (.56 ft²)	100	200	300	400	600
12x8 (.67 ft²)	120	240	360	480	720
14x8 (.78 ft²)	140	280	420	560	840
8x4 (.22 ft²)	40	80	120	160	240
10x4 (.28 ft²)	50	100	150	200	300
12x4 (.33 ft²)	60	120	180	240	360

MATERIAL: 11 GAUGE STEEL
ABOVE DIMENSIONS ARE IN INCHES
FINISH: TO BE DETERIWNED

PATTERN OPENNESS: 50%

SCALE	NONE
DRAWN	DH
DATE	10-18-06
Q.A.	
COMMENTS	

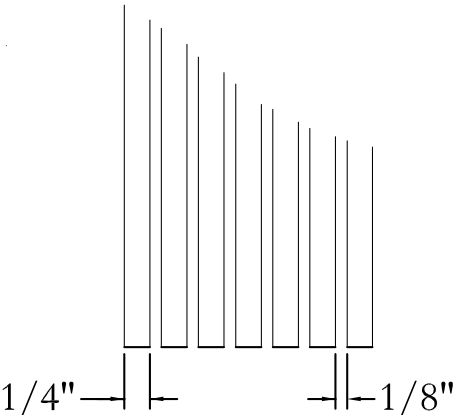
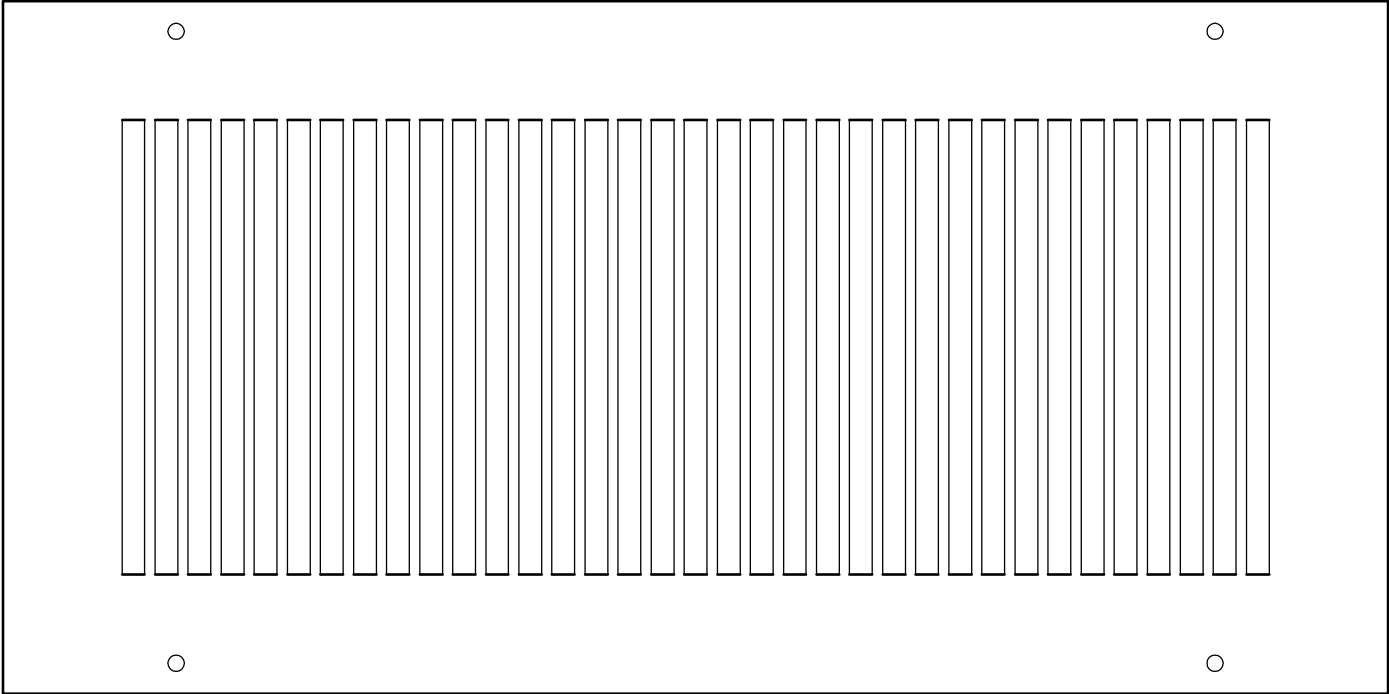
Vent+Cover

PRO-LINEAR DESIGN

PATTERN DETAIL

MEASUREMENTS

NOTE: MEASUREMENTS ARE APPROXIMATE AND WILL VARY WITH REGISTER SIZE.



Vent+Cover

MATERIAL: 11 GAUGE STEEL
ABOVE DIMENSIONS ARE IN INCHES
FINISH: TO BE DETERMINED

PATTERN OPENNESS: 50%

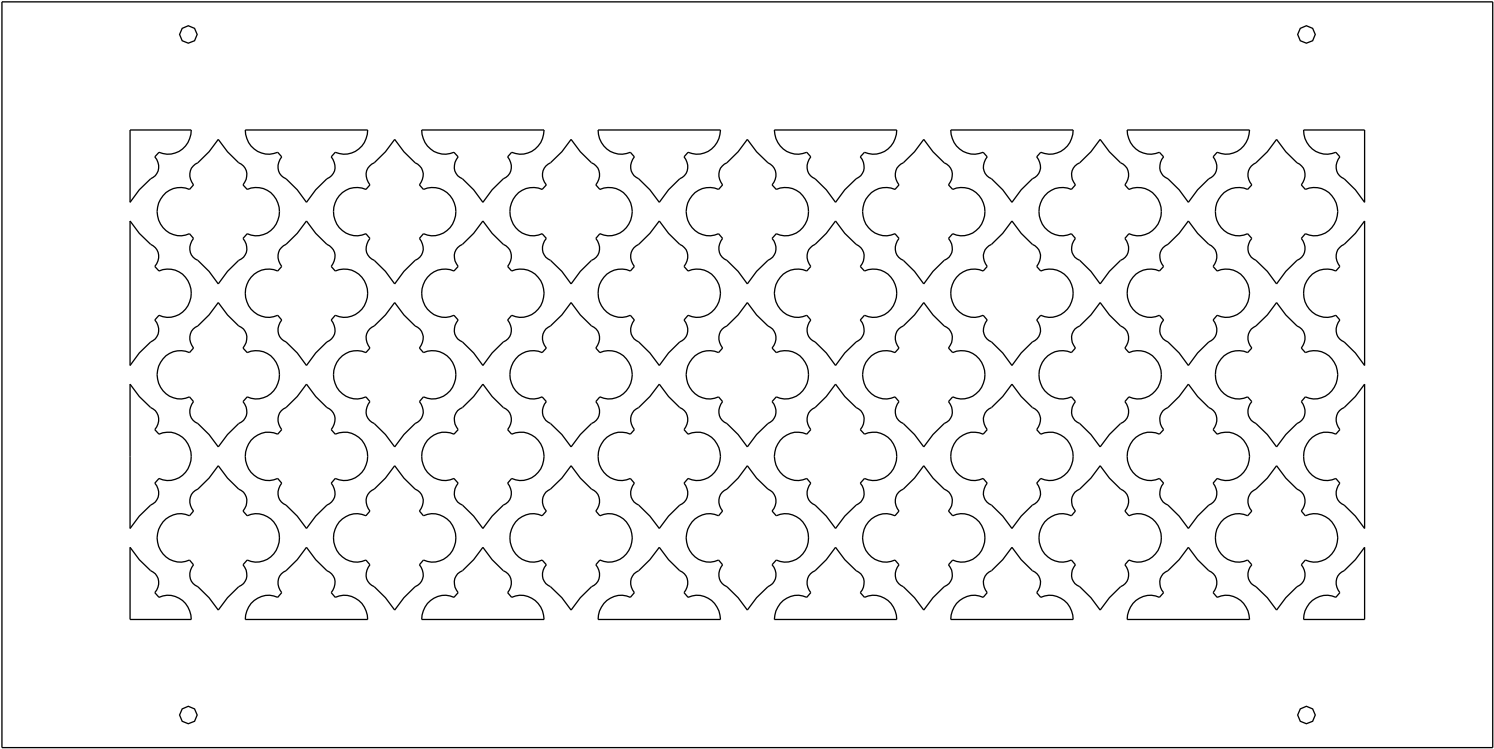
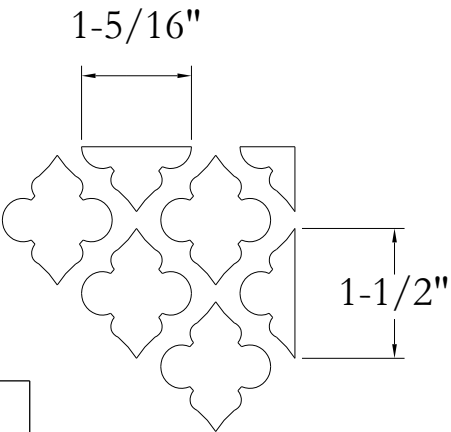
SCALE	NONE
DRAWN	KG
DATE	10-18-18
Q.A.	
COMMENTS	

PRO-VERTICAL DESIGN

PATTERN DETAIL

MEASUREMENTS

NOTE: MEASUREMENTS ARE APPROXIMATE AND WILL VARY WITH REGISTER SIZE.



Vent+Cover

MATERIAL: 11 GAUGE STEEL
ABOVE DIMENSIONS ARE IN INCHES
FINISH: TO BE DETERMINED

PATTERN OPENNESS: 65%

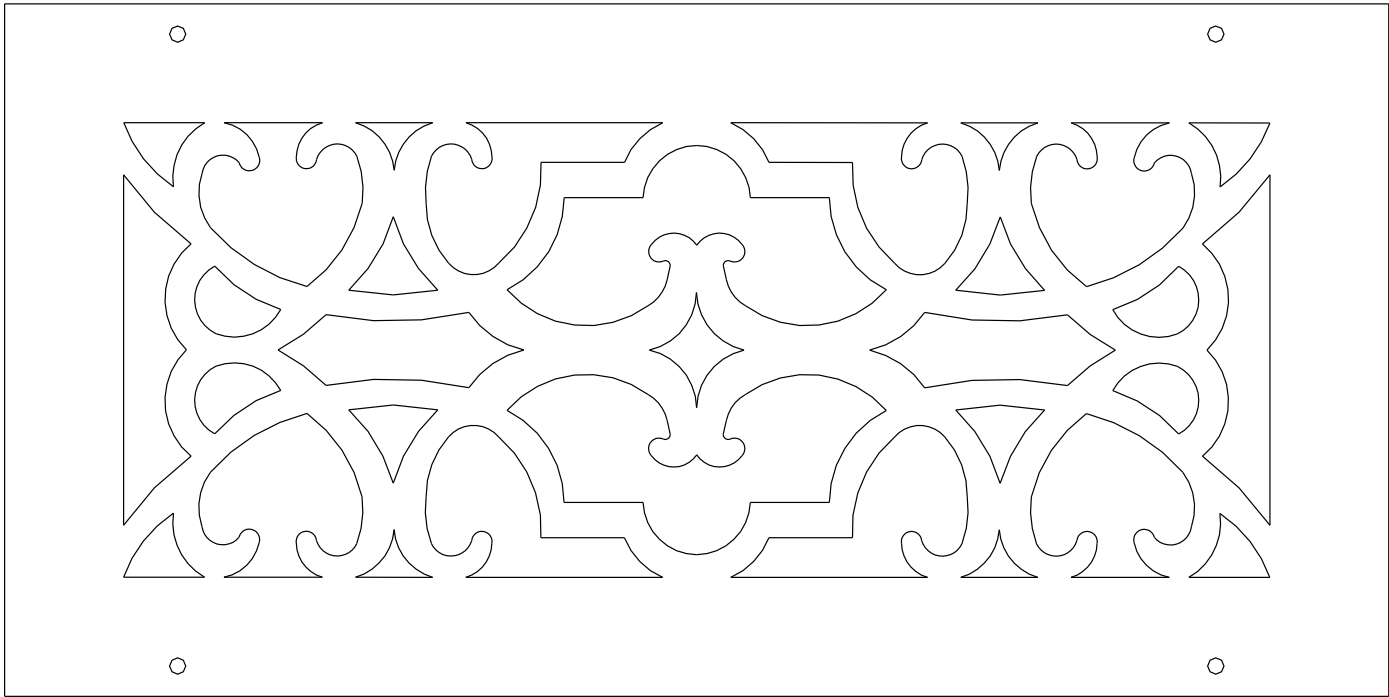
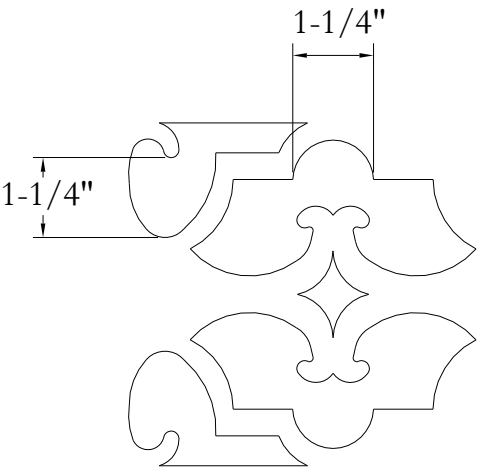
SCALE	NONE
DRAWN	KG
DATE	10-18-18
Q.A.	
COMMENTS	

REGENCY DESIGN

PATTERN DETAIL

MEASUREMENTS

NOTE: MEASUREMENTS ARE APPROXIMATE AND WILL VARY WITH REGISTER SIZE.



Vent+Cover

MATERIAL: 11 GAUGE STEEL
ABOVE DIMENSIONS ARE IN INCHES
FINISH: TO BE DETERMINED

PATTERN OPENNESS: 61%

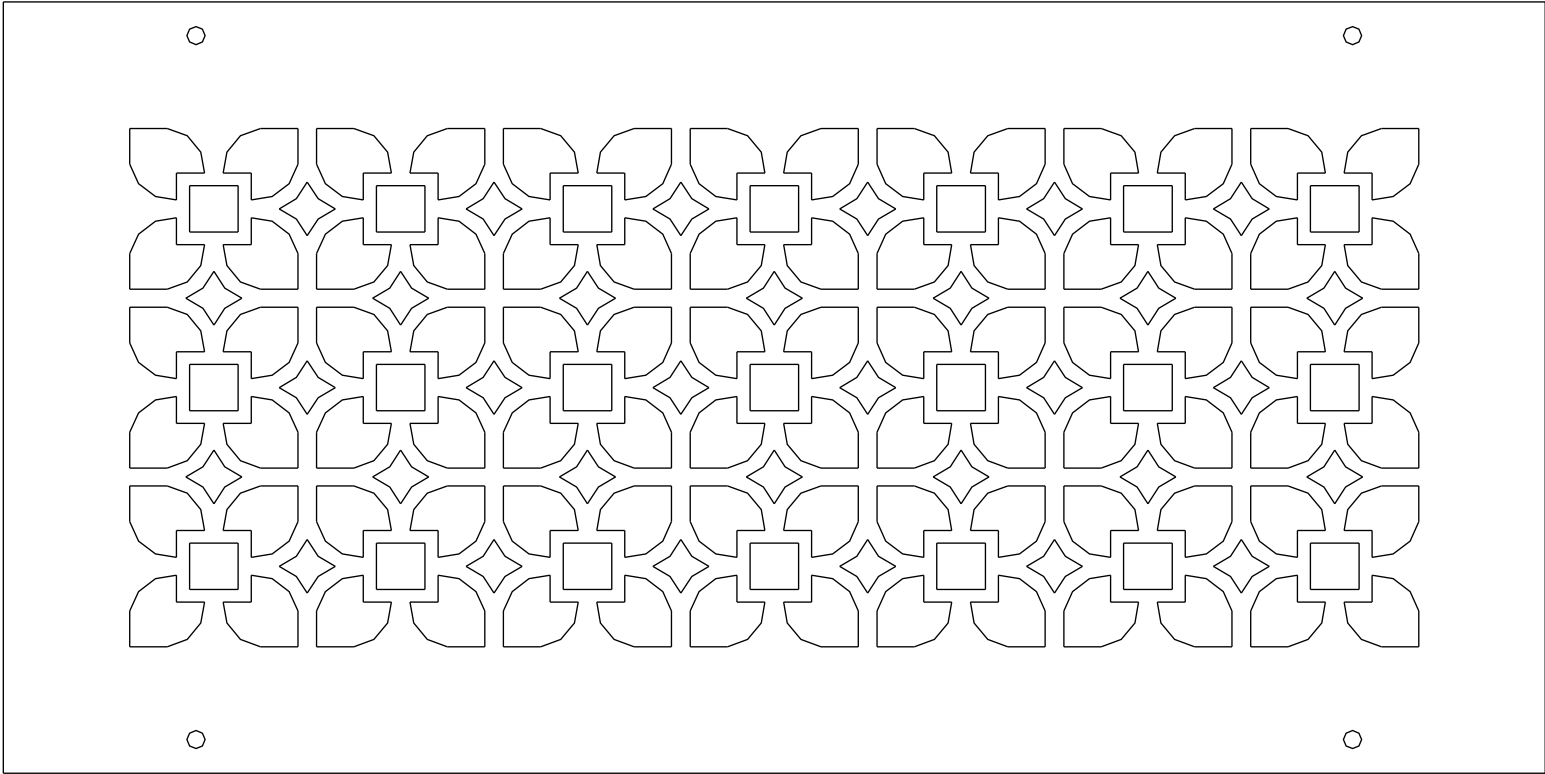
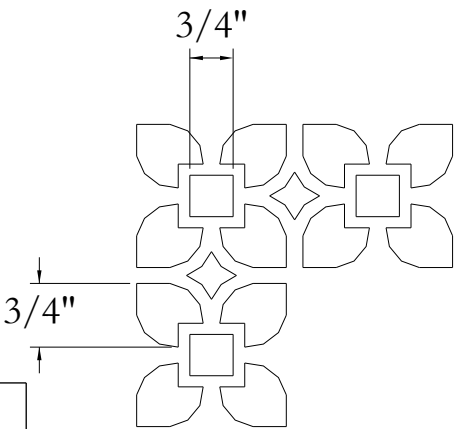
SCALE	NONE
DRAWN	KG
DATE	10-18-18
Q.A.	
COMMENTS	

RENAISSANCE DESIGN

PATTERN DETAIL

MEASUREMENTS

NOTE: MEASUREMENTS ARE APPROXIMATE AND WILL VARY WITH REGISTER SIZE.



Vent+Cover

MATERIAL: 11 GAUGE STEEL
ABOVE DIMENSIONS ARE IN INCHES
FINISH: TO BE DETERMINED

PATTERN OPENNESS: 63%

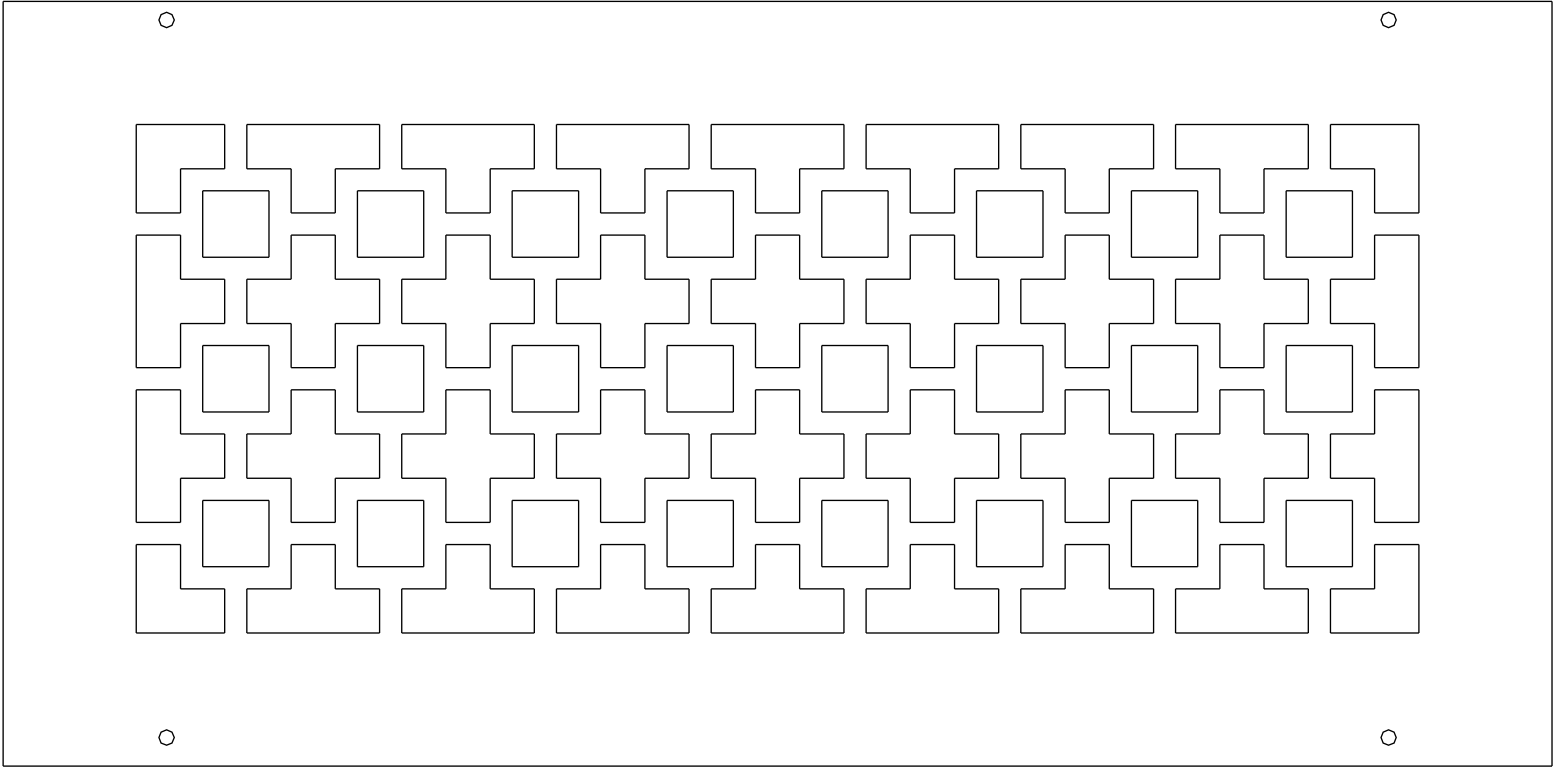
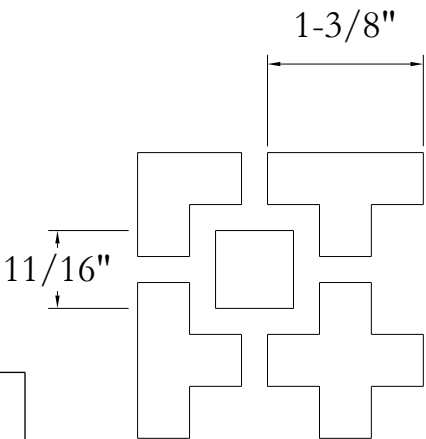
SCALE	NONE
DRAWN	KG
DATE	10-18-18
Q.A.	
COMMENTS	

ROYAL PALM DESIGN

PATTERN DETAIL

MEASUREMENTS

NOTE: MEASUREMENTS ARE APPROXIMATE AND WILL VARY WITH REGISTER SIZE.



MATERIAL: 11 GAUGE STEEL
ABOVE DIMENSIONS ARE IN INCHES
FINISH: TO BE DETERMINED

PATTERN OPENNESS: 64%

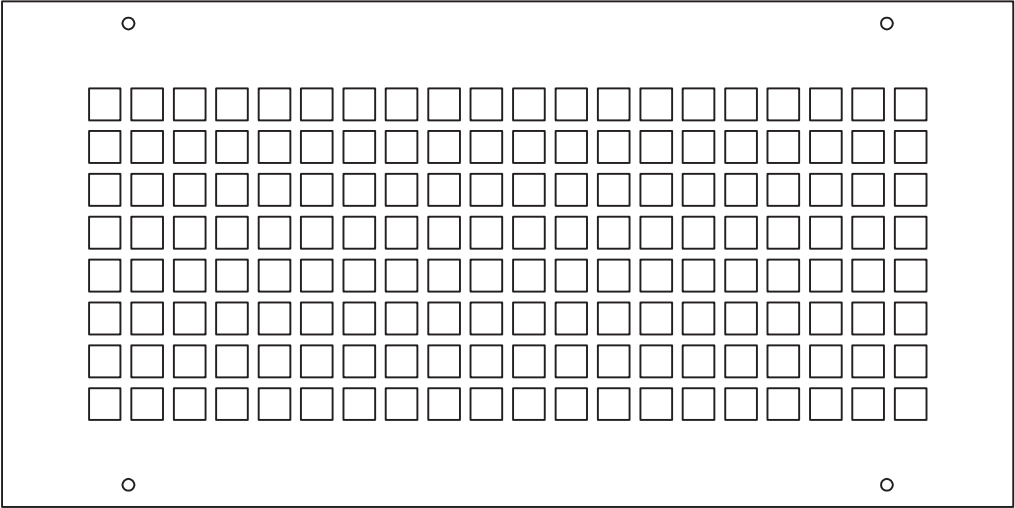
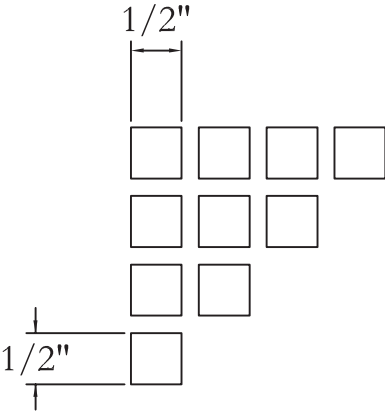
SCALE	NONE
DRAWN	KG
DATE	10-18-18
Q.A.	
COMMENTS	

Vent+Cover

SANTA FE DESIGN

PATTERN DETAIL MEASUREMENTS

NOTE: MEASUREMENTS ARE
APPROXIMATE AND WILL VARY
WITH REGISTER SIZE.



Air Flow Performance Data					
Velocity Static Pressure	250 0.02	500 0.042	750 0.063	1000 0.084	1500 0.126
Size	CFM				
6x6 .25 ft²	39	77	118	157	232
8x8 .44 ft²	69	137	207	275	418
10x10 .69 ft²	108	215	322	432	650
12x12 1.0 ft²	157	310	467	620	942
14x14 1.36 ft²	213	420	635	845	1261
8x6 .33 ft²	52	104	155	207	312
10x6 .42 ft²	66	130	196	260	388
12x6 .5 ft²	78	156	235	312	463
14x6 .58 ft²	91	181	272	365	545
16x6 .67 ft²	105	207	312	416	620
18x6 .75 ft²	118	232	350	465	697
20x6 .83 ft²	130	260	390	515	781
10x8 .56 ft²	87	172	260	346	520
12x8 .67 ft²	104	205	312	418	621
14x8 .78 ft²	122	240	365	482	722
8x4 .22 ft²	35	69	104	138	207
10x4 .28 ft²	44	87	130	171	260
12x4 .33 ft²	52	104	155	205	312

Vent+Cover

MATERIAL: 11 GUAGE STEEL
ABOVE DIMENSIONS ARE IN INCHES
FINISH: TO BE DETERMINED

PATTERN OPENNESS: 61%

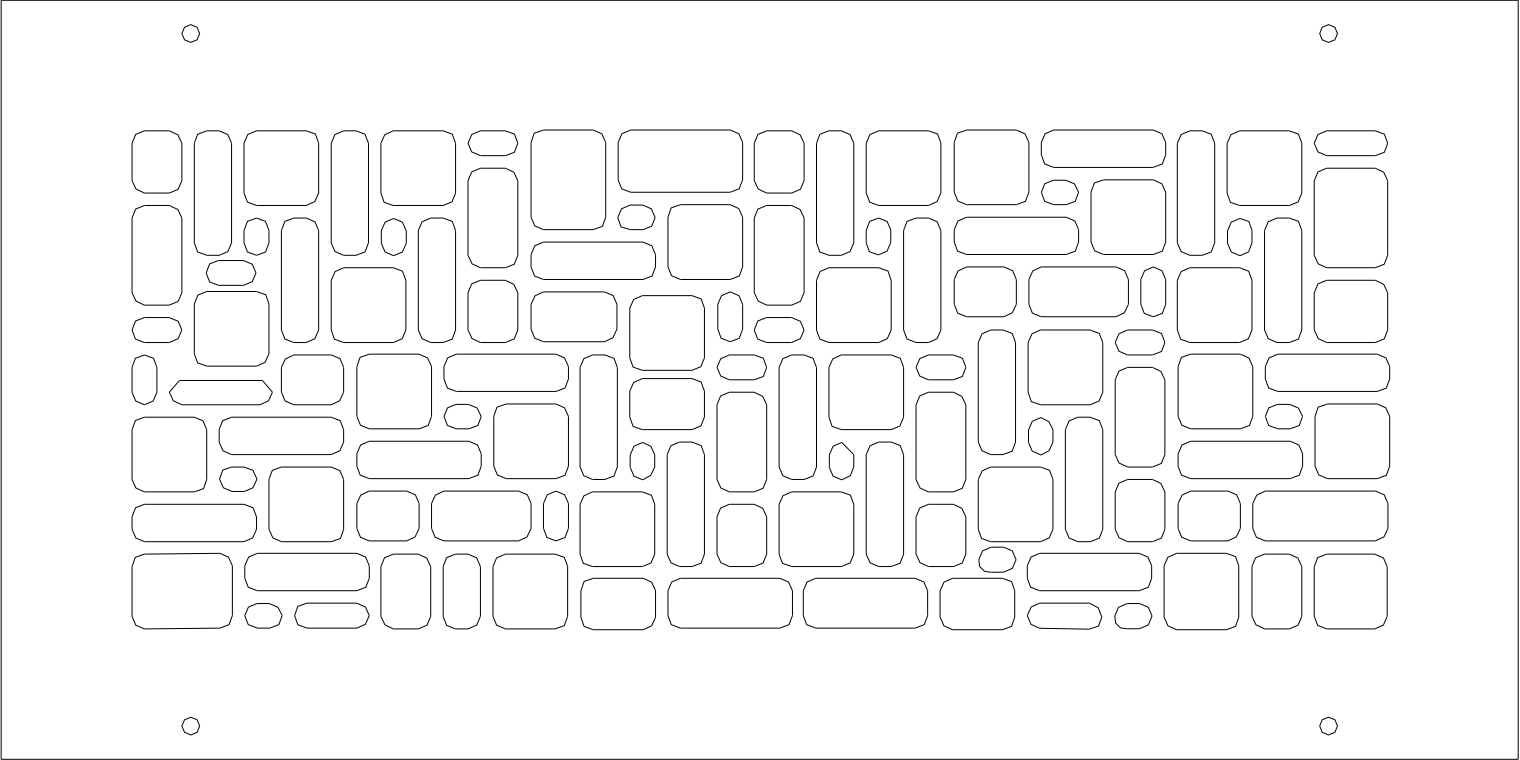
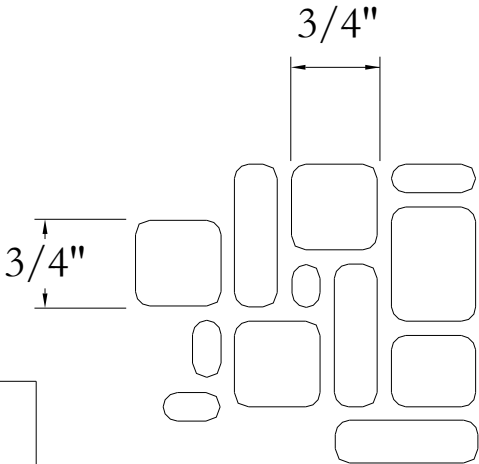
SCALE	NONE
DRAWN	DH
DATE	10-18-06
Q.A.	
COMMENTS	

SQUARE DESIGN

PATTERN DETAIL

MEASUREMENTS

NOTE: MEASUREMENTS ARE APPROXIMATE AND WILL VARY WITH REGISTER SIZE.



Vent+Cover

MATERIAL: 11 GAUGE STEEL
ABOVE DIMENSIONS ARE IN INCHES
FINISH: TO BE DETERMINED

PATTERN OPENNESS: 67%

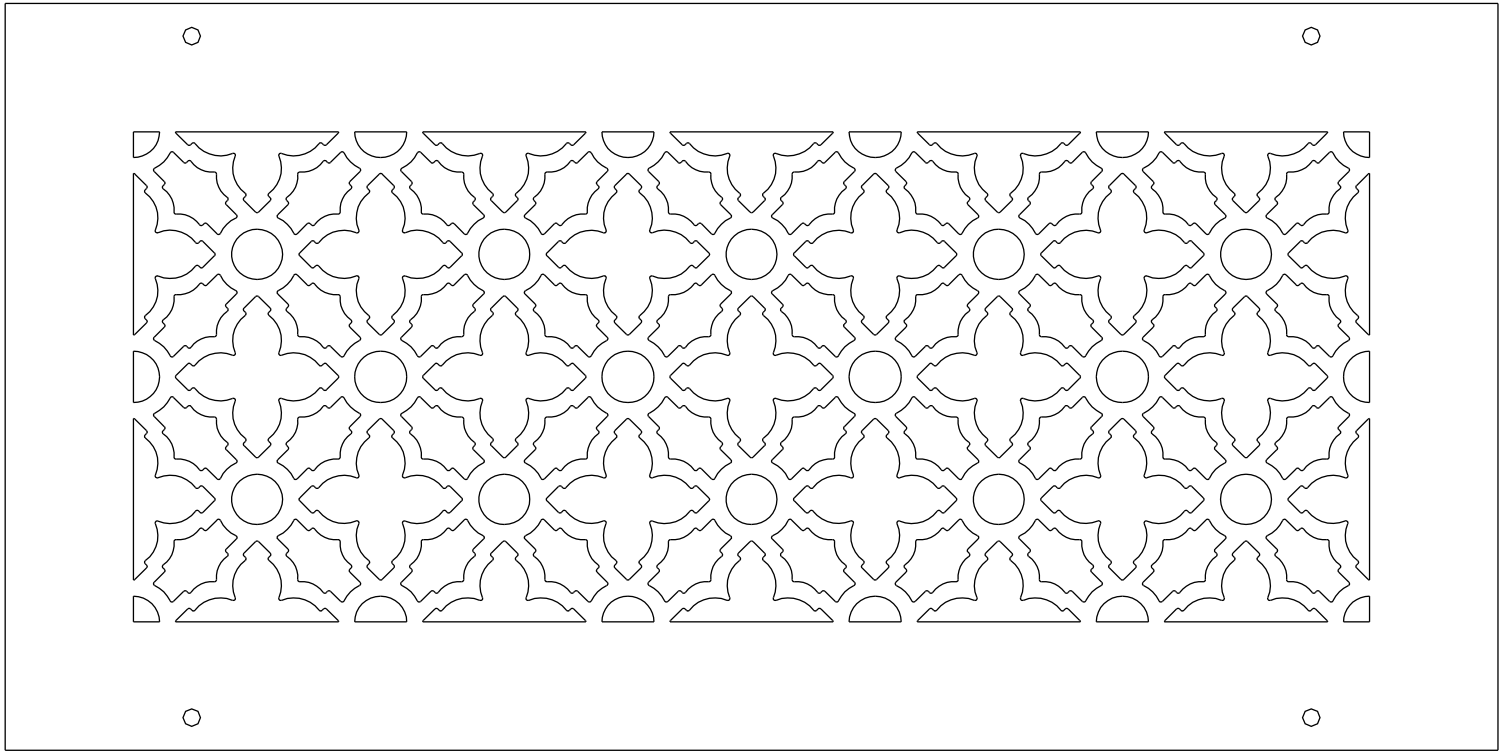
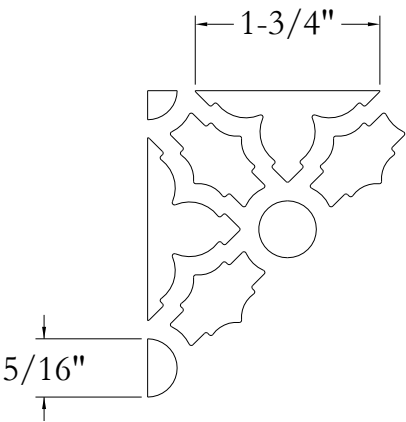
SCALE	NONE
DRAWN	KG
DATE	10-18-18
Q.A.	
COMMENTS	

STONEWALL DESIGN

PATTERN DETAIL

MEASUREMENTS

NOTE: MEASUREMENTS ARE APPROXIMATE AND WILL VARY WITH REGISTER SIZE.



Vent+Cover

MATERIAL: 11 GAUGE STEEL
ABOVE DIMENSIONS ARE IN INCHES
FINISH: TO BE DETERMINED

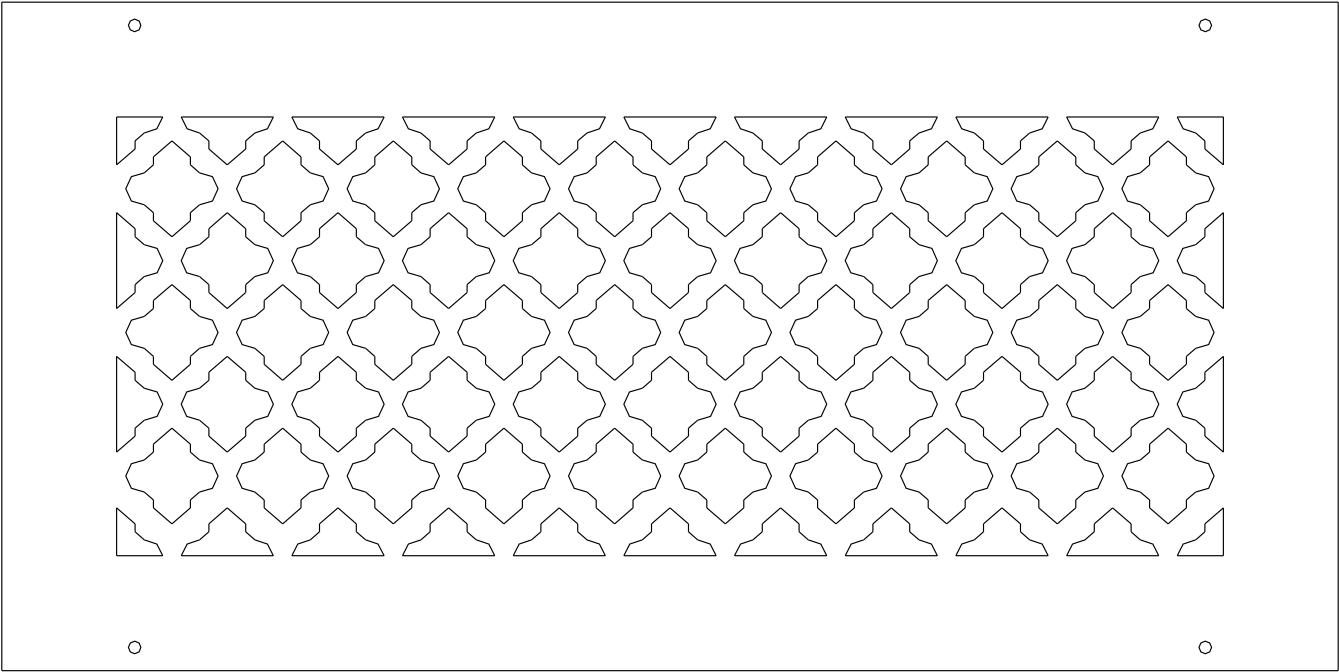
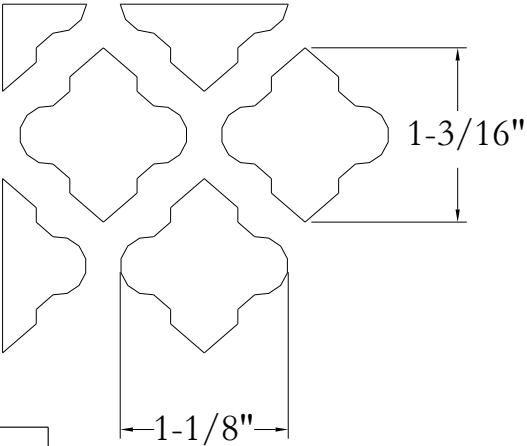
PATTERN OPENNESS: 63%

SCALE	NONE
DRAWN	KG
DATE	10-18-18
Q.A.	
COMMENTS	

TRADITIONAL DESIGN

PATTERN DETAIL MEASUREMENTS

NOTE: MEASUREMENTS ARE APPROXIMATE
AND WILL VARY WITH REGISTER SIZE.



Vent+Cover

MATERIAL: 11 GAUGE STEEL
ABOVE DIMENSIONS ARE IN INCHES
FINISH: TO BE DETERMINED

PATTERN OPENNESS: 65%

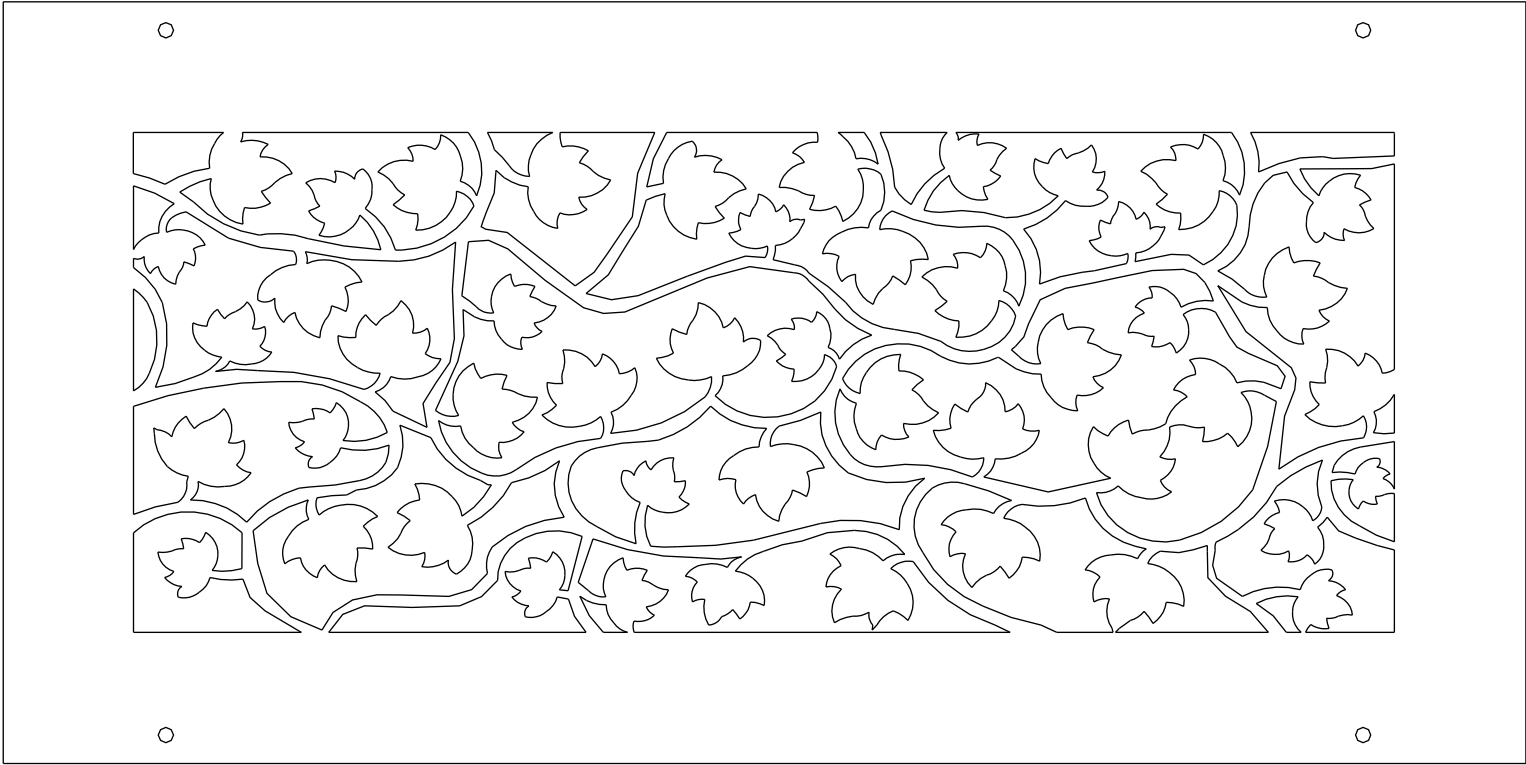
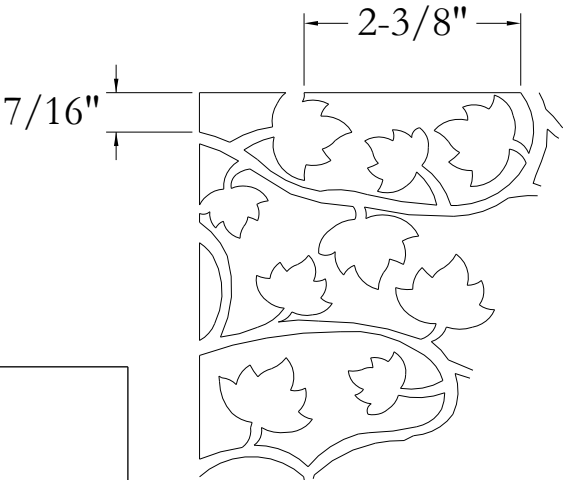
SCALE	NONE
DRAWN	KG
DATE	10-18-18
Q.A.	
COMMENTS	

TUSCAN DESIGN

PATTERN DETAIL

MEASUREMENTS

NOTE: MEASUREMENTS ARE APPROXIMATE AND WILL VARY WITH REGISTER SIZE.



Vent+Cover

MATERIAL: 11 GAUGE STEEL
ABOVE DIMENSIONS ARE IN INCHES
FINISH: TO BE DETERMINED

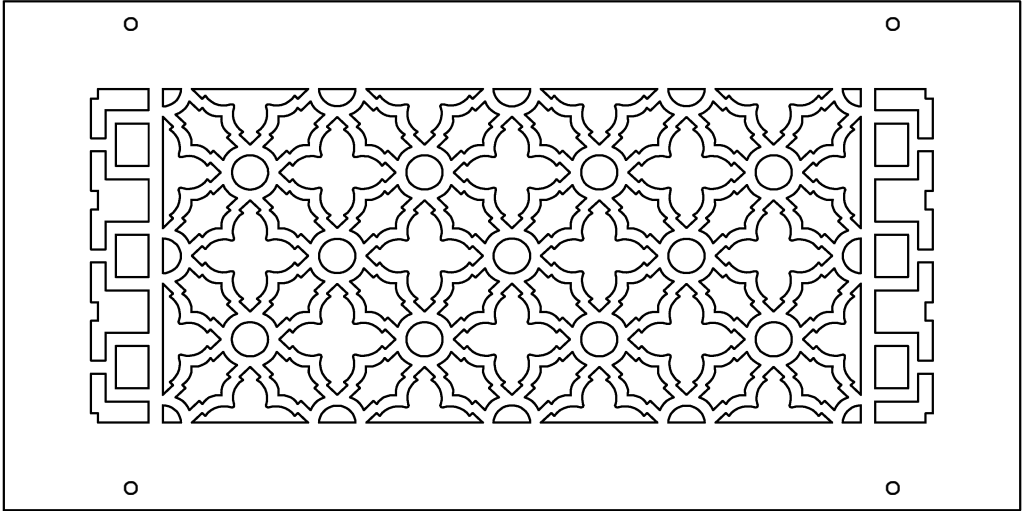
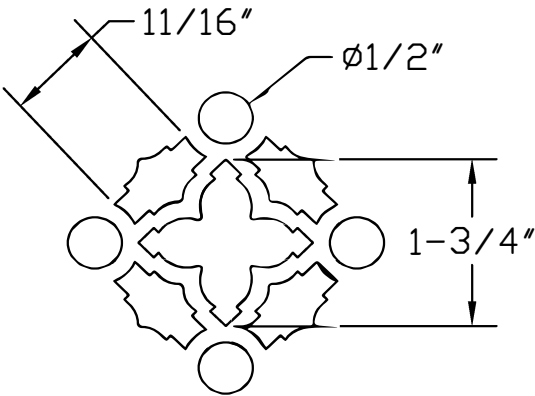
PATTERN OPENNESS: 61%

SCALE	NONE
DRAWN	KG
DATE	10-18-18
Q.A.	
COMMENTS	

VINE DESIGN

PATTERN DETAIL
MEASUREMENTS

NOTE: MEASUREMENTS ARE
APPROXIMATE AND WILL VARY
WITH REGISTER SIZE.



VENT+COVER

MATERIAL: 11 GAUGE STEEL
ABOVE DIMENSIONS ARE IN INCHES
FINISH: TO BE DETERMINED

PATTERN OPENNESS: 65%

SCALE	NONE
DRAWN	VC
DATE	8/31/12
Q.A.	

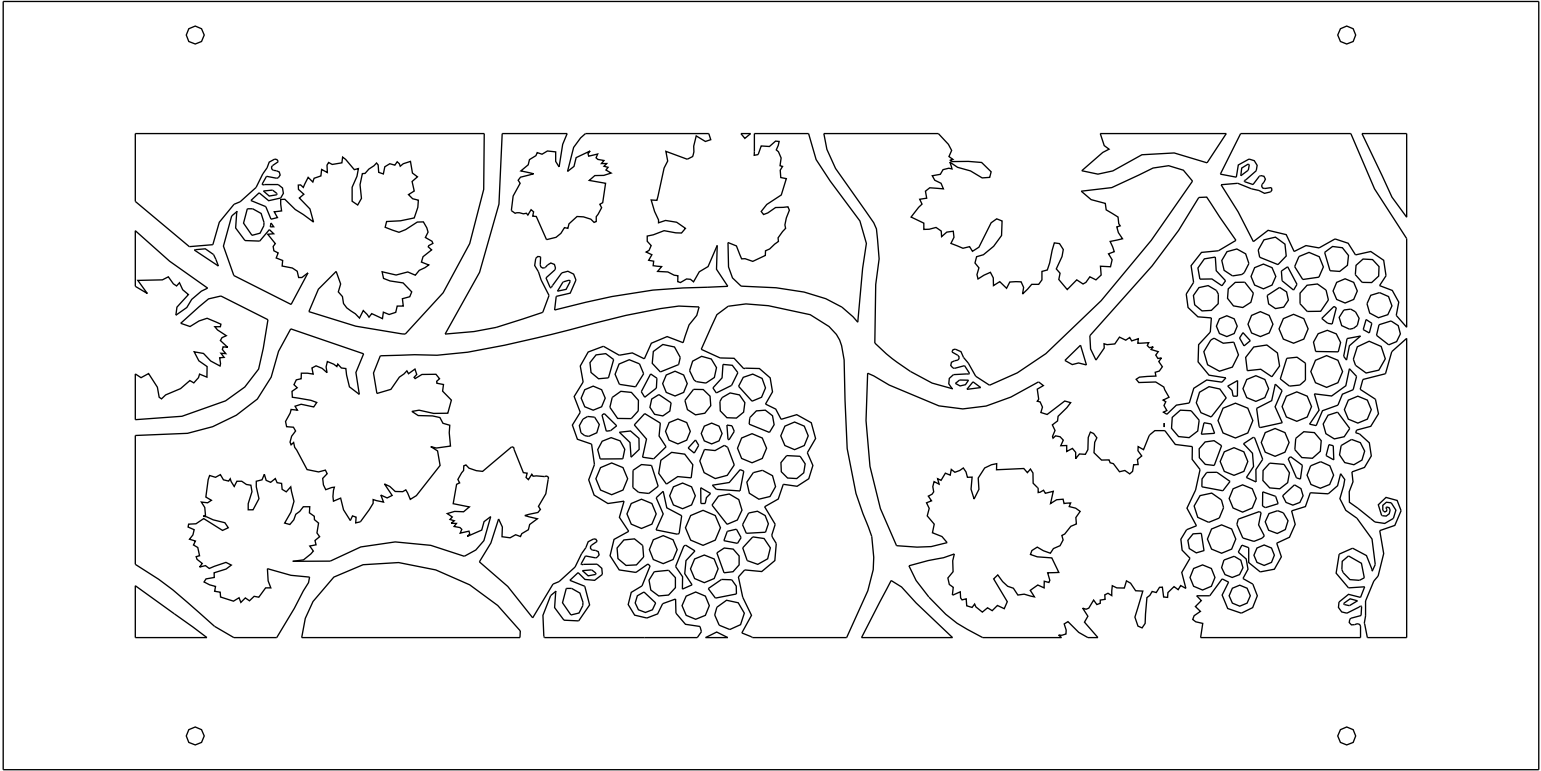
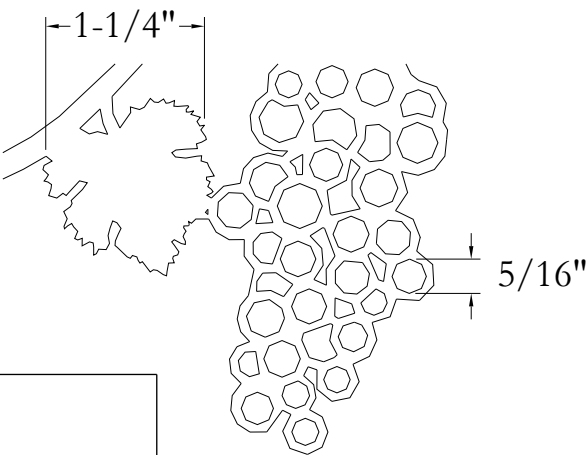
COMMENTS

VINTAGE DESIGN

PATTERN DETAIL

MEASUREMENTS

NOTE: MEASUREMENTS ARE APPROXIMATE AND WILL VARY WITH REGISTER SIZE.



Vent+Cover

MATERIAL: 11 GAUGE STEEL
ABOVE DIMENSIONS ARE IN INCHES
FINISH: TO BE DETERMINED

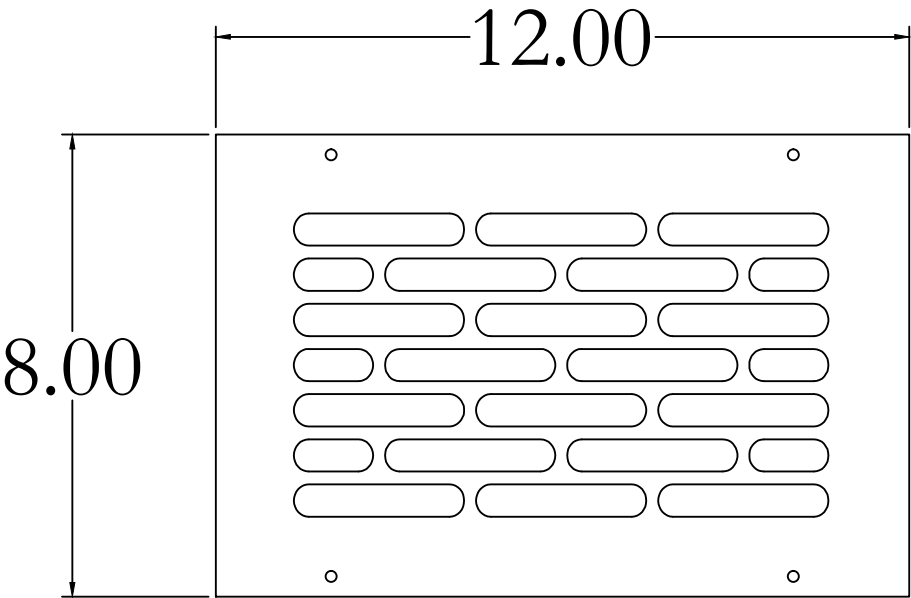
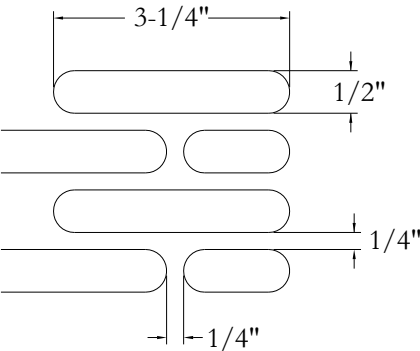
PATTERN OPENNESS: 60%

SCALE	NONE
DRAWN	KG
DATE	10-18-18
Q.A.	
COMMENTS	

VINEYARD DESIGN

PATTERN DETAIL
MEASUREMENTS

NOTE: MEASUREMENTS ARE
APPROXIMATE AND WILL VARY
WITH REGISTER SIZE.



Air Flow Performance Data					
Velocity Static Pressure	250 0.009	500 0.018	750 0.027	1000 0.036	1500 0.055
Size	CFM				
6x6 .25 ft²	45	92	135	185	275
8x8 .44 ft²	80	160	240	320	480
10x10 .69 ft²	125	250	375	500	750
12x12 1.0 ft²	180	360	540	720	1100
14x14 1.36 ft²	245	490	735	980	1470
8x6 .33 ft²	60	120	180	240	360
10x6 .42 ft²	75	150	225	300	450
12x6 .5 ft²	90	180	270	360	540
14x6 .58 ft²	105	210	315	420	630
16x6 .67 ft²	120	240	360	480	720
18x6 .75 ft²	135	270	405	540	810
20x6 .83 ft²	150	300	450	600	900
10x8 .56 ft²	100	200	300	400	600
12x8 .67 ft²	120	240	360	480	720
14x8 .78 ft²	140	280	420	560	840
8x4 .22 ft²	40	80	120	160	240
10x4 .28 ft²	50	100	150	200	300
12x4 .33 ft²	60	120	180	240	360

Vent+Cover

MATERIAL: 11 GAUGE STEEL
ABOVE DIMENSIONS ARE IN INCHES
FINISH: TO BE DETERMINED
PATTERN OPENNESS: 65%

SCALE	NONE
DRAWN	
DATE	10-18-06
Q.A.	
COMMENTS	

VOGUE DESIGN