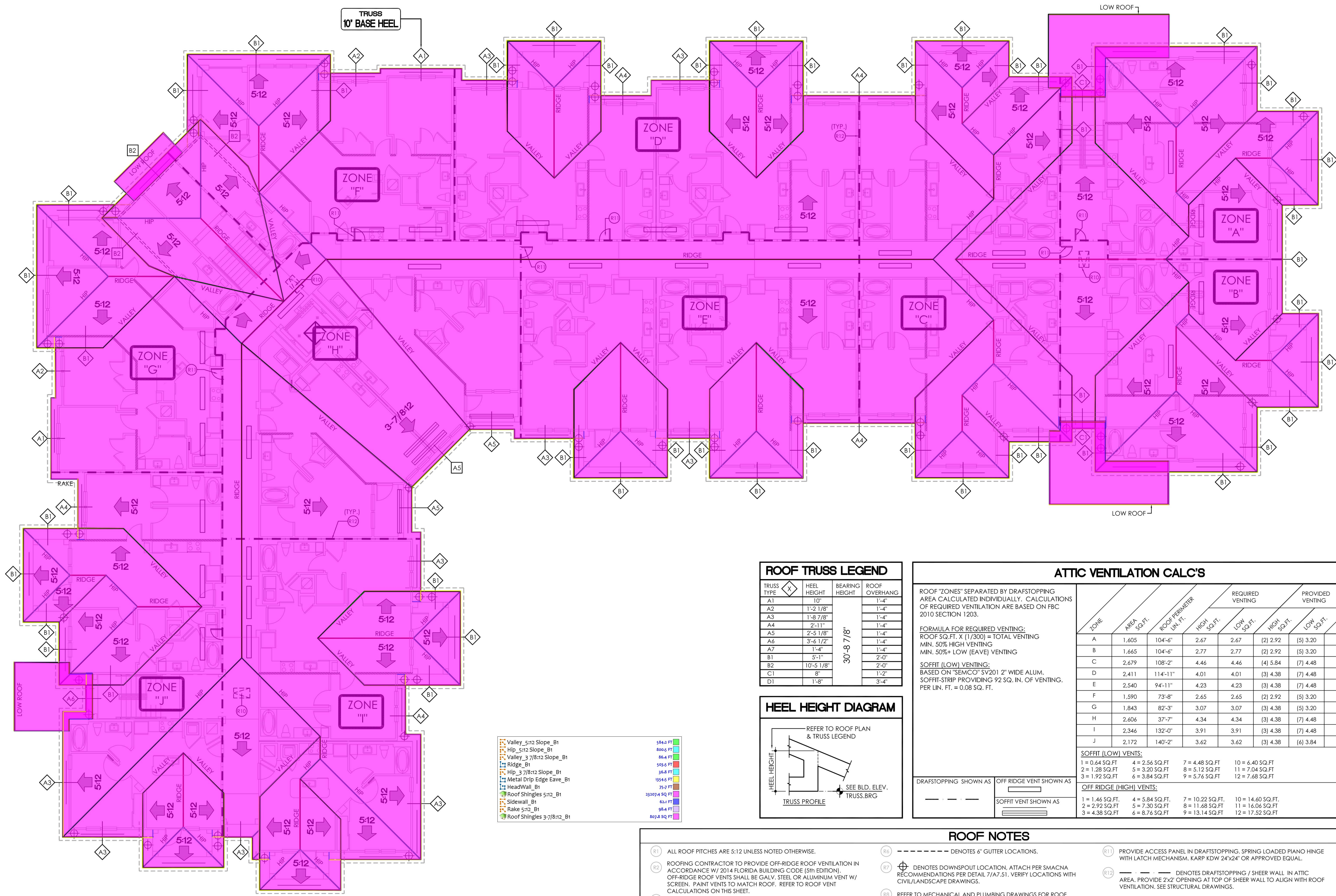


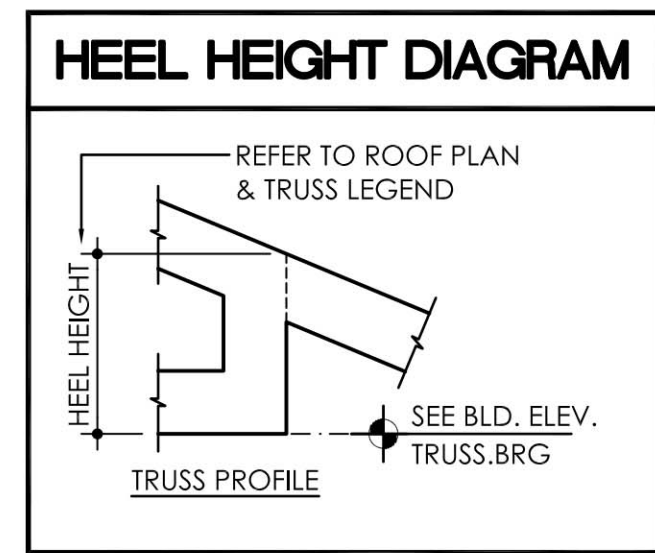
Wednesday, December 30, 2015 11:37:40 AM - ALEXANDER AT SABAL POINT\DRAWINGS\1-APARTMENT\00-CURRENT\3740\_A114



Valley 5:12 Slope_B1	584.0 SQ.FT.
Hip 5:12 Slope_B1	800.0 SQ.FT.
Valley 3-7/8:12 Slope_B1	86.4 SQ.FT.
Ridge_B1	193.6 SQ.FT.
Hip 3-7/8:12 Slope_B1	36.8 SQ.FT.
Metal Drip Edge Eave_B1	1354.5 SQ.FT.
HeadWall_B1	75.2 SQ.FT.
Roof Shingles 5:12_B1	23207.4 SQ.FT.
Sidewall_B1	62.1 SQ.FT.
Rake 5:12_B1	98.4 SQ.FT.
Roof Shingles 3-7/8:12_B1	807.6 SQ.FT.

### ROOF TRUSS LEGEND

TRUSS TYPE	HEEL HEIGHT	BEARING HEIGHT	ROOF OVERHANG
A1	10"		1'-4"
A2	1'-2 1/8"		1'-4"
A3	1'-8 7/8"		1'-4"
A4	2'-11"		1'-4"
A5	2'-5 1/8"		1'-4"
A6	3'-6 1/2"		1'-4"
A7	1'-4"		1'-4"
B1	5'-1"	30'-8 7/8"	2'-0"
B2	10'-5 1/8"		2'-0"
C1	8"		1'-2"
D1	1'-8"		3'-4"



### ATTIC VENTILATION CALC'S

ROOF "ZONES" SEPARATED BY DRAFTSTOPPING AREA CALCULATED INDIVIDUALLY. CALCULATIONS OF REQUIRED VENTILATION ARE BASED ON FBC 2010 SECTION 1203.

FORMULA FOR REQUIRED VENTING:  
 ROOF SQ. FT. X (1/300) = TOTAL VENTING  
 MIN. 50% HIGH VENTING  
 MIN. 50%+ LOW (EAVE) VENTING

SOFFIT (LOW) VENTING:  
 BASED ON "SEMCO" SV201 2" WIDE ALUM. SOFFIT-STRIP PROVIDING 92 SQ. IN. OF VENTING. PER LIN. FT. = 0.08 SQ. FT.

ZONE	AREA SQ.FT.	ROOF PERIMETER LIN. FT.	HIGH SQ.FT.	REQUIRED VENTING		PROVIDED VENTING	
				HIGH SQ.FT.	LOW SQ.FT.	HIGH SQ.FT.	LOW SQ.FT.
A	1,605	104'-6"	2.67	2.67	(2) 2.92	(5) 3.20	
B	1,665	104'-6"	2.77	2.77	(2) 2.92	(5) 3.20	
C	2,679	108'-2"	4.46	4.46	(4) 5.84	(7) 4.48	
D	2,411	114'-11"	4.01	4.01	(3) 4.38	(7) 4.48	
E	2,540	94'-11"	4.23	4.23	(3) 4.38	(7) 4.48	
F	1,590	73'-8"	2.65	2.65	(2) 2.92	(5) 3.20	
G	1,843	82'-3"	3.07	3.07	(3) 4.38	(5) 3.20	
H	2,606	37'-7"	4.34	4.34	(3) 4.38	(7) 4.48	
I	2,346	132'-0"	3.91	3.91	(3) 4.38	(7) 4.48	
J	2,172	140'-2"	3.62	3.62	(3) 4.38	(6) 3.84	

SOFFIT (LOW) VENTS:

1 = 0.64 SQ.FT.	4 = 2.56 SQ.FT.	7 = 4.48 SQ.FT.	10 = 6.40 SQ.FT.
2 = 1.28 SQ.FT.	5 = 3.20 SQ.FT.	8 = 5.12 SQ.FT.	11 = 7.04 SQ.FT.
3 = 1.92 SQ.FT.	6 = 3.84 SQ.FT.	9 = 5.76 SQ.FT.	12 = 7.68 SQ.FT.

OFF RIDGE (HIGH) VENTS:

1 = 1.46 SQ.FT.	4 = 5.84 SQ.FT.	7 = 10.22 SQ.FT.	10 = 14.60 SQ.FT.
2 = 2.92 SQ.FT.	5 = 7.30 SQ.FT.	8 = 11.68 SQ.FT.	11 = 16.06 SQ.FT.
3 = 4.38 SQ.FT.	6 = 8.76 SQ.FT.	9 = 13.14 SQ.FT.	12 = 17.52 SQ.FT.

### ROOF NOTES

(R1) ALL ROOF PITCHES ARE 5:12 UNLESS NOTED OTHERWISE.

(R2) ROOFING CONTRACTOR TO PROVIDE OFF-RIDGE ROOF VENTILATION IN ACCORDANCE W/ 2014 FLORIDA BUILDING CODE (5th EDITION). OFF-RIDGE ROOF VENTS SHALL BE GALV. STEEL OR ALUMINUM VENT W/ SCREEN. PAINT VENTS TO MATCH ROOF. REFER TO ROOF VENT CALCULATIONS ON THIS SHEET.

(R3) ROOF VENTS SHOWN ARE CALCULATED AT A 1:300 RATIO. SEE ATTIC VENT CALC'S. FOR ROOF VENTING.

(R4) [Symbol] & [Symbol] DENOTES ROOF VENTS REFER TO ROOF CALCULATIONS FOR OVERALL SQ. FOOTAGE OF VENTING.

(R5) REFER TO DETAIL 9/A7.51 FOR DIVERTER REQUIREMENTS.

(R6) - - - - - DENOTES 6" GUTTER LOCATIONS.

(R7) [Symbol] DENOTES DOWNSPOUT LOCATION, ATTACH PER SMACNA RECOMMENDATIONS PER DETAIL 7/A7.51. VERIFY LOCATIONS WITH CIVIL/LANDSCAPE DRAWINGS.

(R8) REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR ROOF PENETRATION LOCATIONS.

(R9) REFER TO WALL SECTIONS FOR SIZE AND TYPE OF VENTING AT EAVES.

(R10) [Symbol] DENOTES 22"x36" ATTIC ACCESS PANEL. REFER TO DETAIL 1/A7.61.

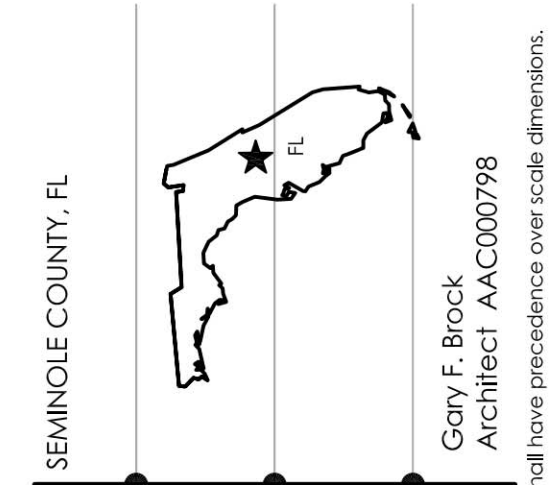
(R11) PROVIDE ACCESS PANEL IN DRAFTSTOPPING, SPRING LOADED PIANO HINGE WITH LATCH MECHANISM. KARP KDW 24"x24" OR APPROVED EQUAL.

(R12) [Symbol] DENOTES DRAFTSTOPPING / SHEER WALL IN ATTIC AREA. PROVIDE 2"x2" OPENING AT TOP OF SHEER WALL TO ALIGN WITH ROOF VENTILATION. SEE STRUCTURAL DRAWINGS.

TakeoffBy: AB  
 Checked By: Nick/ Joe  
 Date: 25th Feb 2016

# 1 BUILDING TYPE I - ROOF PLAN

1/8" = 1'-0"



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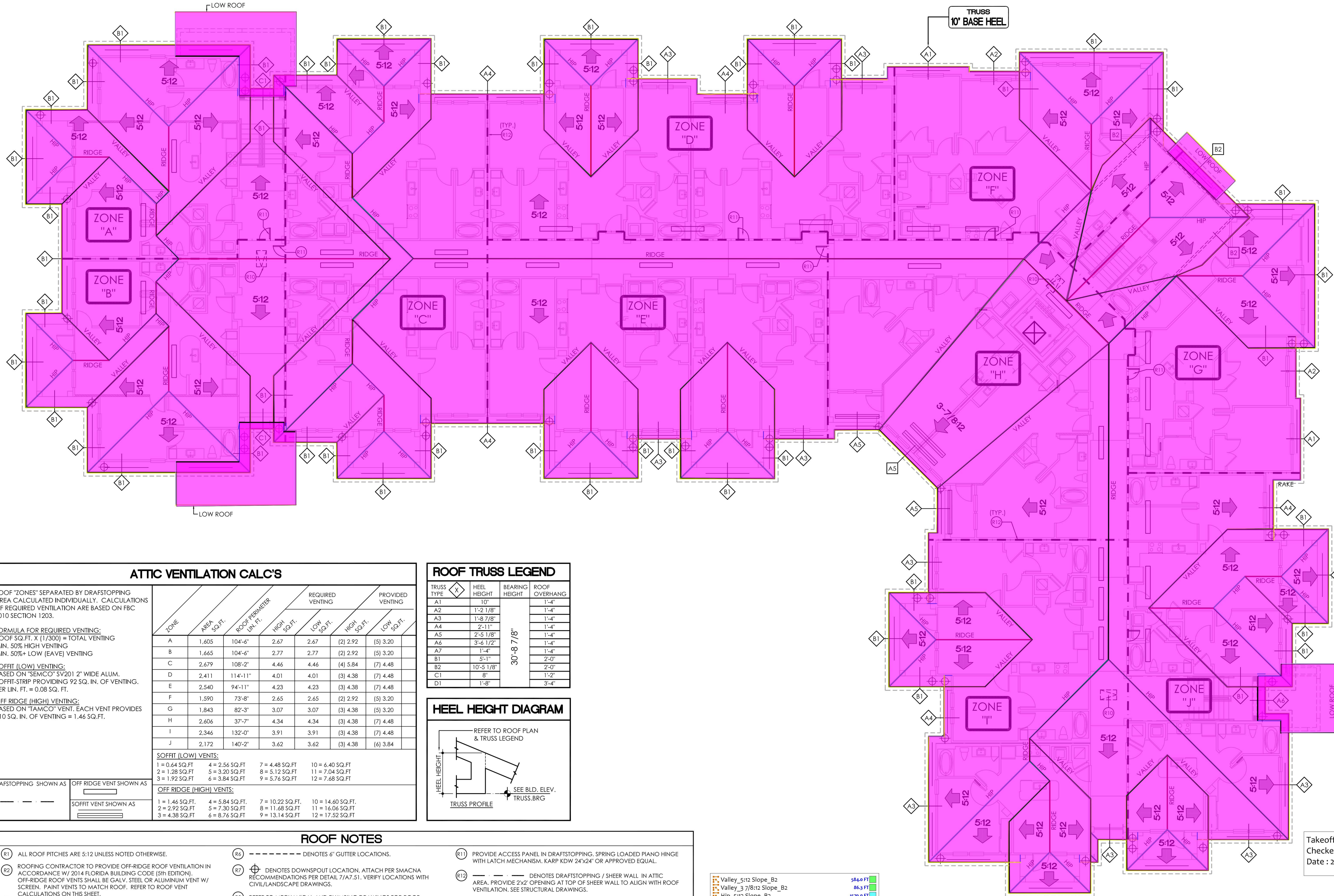
BUILDING TYPE I  
 ROOF PLAN

date: 12-29-2015  
 job no: 3740.A1H  
 drawn by: TAB/AIH  
 reviewed by: CBA  
 file: 3740\_A114  
 issue history:

# A1.14

SEMINOLE COUNTY, FL  
 Gary F. Brock  
 Architect AA C000798  
 Alexander Investments International  
 174 W. Comstock Ave. Suite # 112  
 Winter Park - FL 32789  
 PH: 407-702-6685  
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Wednesday, December 30, 2015 10:37:40 AM - ALEXANDER AT SABAL POINT\DRAWINGS\1\_APARTMENT\00\_CURRENT\3740\_A124



**ATTIC VENTILATION CALC'S**

ROOF "ZONES" SEPARATED BY DRAFTSTOPPING AREA CALCULATED INDIVIDUALLY. CALCULATIONS OF REQUIRED VENTILATION ARE BASED ON FBC 2010 SECTION 1203.

FORMULA FOR REQUIRED VENTING:  
 ROOF SQ.FT. X (1/300) = TOTAL VENTING  
 MIN. 50% HIGH VENTING  
 MIN. 50%+ LOW (EAVE) VENTING

SOFFIT (LOW) VENTING:  
 BASED ON "SEMCO" SV201 2" WIDE ALUM. SOFFIT-STRIP PROVIDING 92 SQ. IN. OF VENTING. PER LIN. FT. = 0.08 SQ. FT.

OFF RIDGE (HIGH) VENTING:  
 BASED ON "TAMCO" VENT. EACH VENT PROVIDES 210 SQ. IN. OF VENTING = 1.46 SQ.FT.

ZONE	AREA SQ.FT.	ROOF PERIMETER LIN. FT.	REQUIRED VENTING		PROVIDED VENTING	
			HIGH SQ.FT.	LOW SQ.FT.	HIGH SQ.FT.	LOW SQ.FT.
A	1,605	104'-6"	2.67	2.67	(2) 2.92	(5) 3.20
B	1,665	104'-6"	2.77	2.77	(2) 2.92	(5) 3.20
C	2,679	108'-2"	4.46	4.46	(4) 5.84	(7) 4.48
D	2,411	114'-11"	4.01	4.01	(3) 4.38	(7) 4.48
E	2,540	94'-11"	4.23	4.23	(3) 4.38	(7) 4.48
F	1,590	73'-8"	2.65	2.65	(2) 2.92	(5) 3.20
G	1,843	82'-3"	3.07	3.07	(3) 4.38	(5) 3.20
H	2,606	37'-7"	4.34	4.34	(3) 4.38	(7) 4.48
I	2,346	132'-0"	3.91	3.91	(3) 4.38	(7) 4.48
J	2,172	140'-2"	3.62	3.62	(3) 4.38	(6) 3.84

SOFFIT (LOW) VENTS:			
1 = 0.64 SQ.FT.	4 = 2.56 SQ.FT.	7 = 4.48 SQ.FT.	10 = 6.40 SQ.FT.
2 = 1.28 SQ.FT.	5 = 3.20 SQ.FT.	8 = 5.12 SQ.FT.	11 = 7.04 SQ.FT.
3 = 1.92 SQ.FT.	6 = 3.84 SQ.FT.	9 = 5.76 SQ.FT.	12 = 7.68 SQ.FT.

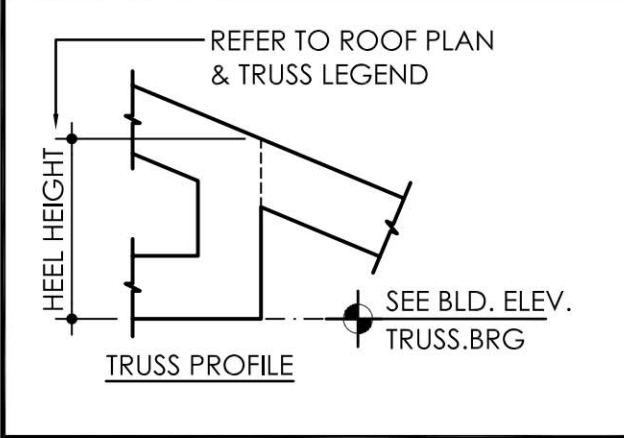
  

OFF RIDGE (HIGH) VENTS:			
1 = 1.46 SQ.FT.	4 = 5.84 SQ.FT.	7 = 10.22 SQ.FT.	10 = 14.60 SQ.FT.
2 = 2.92 SQ.FT.	5 = 7.30 SQ.FT.	8 = 11.48 SQ.FT.	11 = 14.06 SQ.FT.
3 = 4.38 SQ.FT.	6 = 8.76 SQ.FT.	9 = 13.14 SQ.FT.	12 = 17.52 SQ.FT.

**ROOF TRUSS LEGEND**

TRUSS TYPE	HEEL HEIGHT	BEARING HEIGHT	ROOF OVERHANG
A1	10"		1'-4"
A2	1'-2 1/8"		1'-4"
A3	1'-8 7/8"		1'-4"
A4	2'-11"		1'-4"
A5	2'-5 1/8"		1'-4"
A6	3'-6 1/2"		1'-4"
A7	1'-4"		1'-4"
B1	5'-1"		2'-0"
B2	10'-5 1/8"		2'-0"
C1	8"		1'-2"
D1	1'-8"		3'-4"

**HEEL HEIGHT DIAGRAM**



**ROOF NOTES**

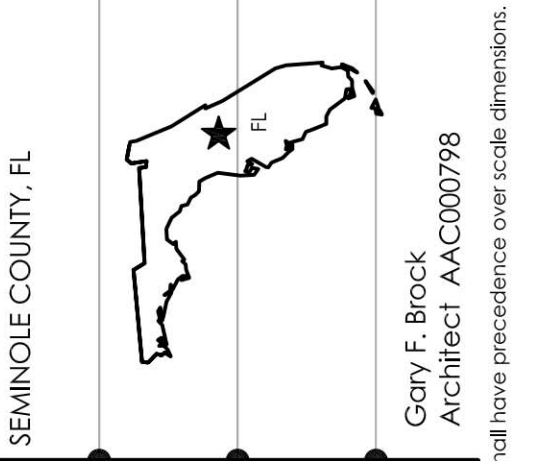
- (R1) ALL ROOF PITCHES ARE 5:12 UNLESS NOTED OTHERWISE.
- (R2) ROOFING CONTRACTOR TO PROVIDE OFF-RIDGE ROOF VENTILATION IN ACCORDANCE W/ 2014 FLORIDA BUILDING CODE (5TH EDITION). OFF-RIDGE ROOF VENTS SHALL BE GALV. STEEL OR ALUMINUM VENT W/ SCREEN. PAINT VENTS TO MATCH ROOF. REFER TO ROOF VENT CALCULATIONS ON THIS SHEET.
- (R3) ROOF VENTS SHOWN ARE CALCULATED AT A 1:300 RATIO. SEE ATTIC VENT CALC'S. FOR ROOF VENTING.
- (R4) [Symbol] & [Symbol] DENOTES ROOF VENTS REFER TO ROOF CALCULATIONS FOR OVERALL SQ. FOOTAGE OF VENTING.
- (R5) REFER TO DETAIL 9/A7.51 FOR DIVERTER REQUIREMENTS.
- (R6) - - - - - DENOTES 6" GUTTER LOCATIONS.
- (R7) [Symbol] DENOTES DOWNSPOUT LOCATION, ATTACH PER SMACNA RECOMMENDATIONS PER DETAIL 7/A7.51. VERIFY LOCATIONS WITH CIVIL/LANDSCAPE DRAWINGS.
- (R8) REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR ROOF PENETRATION LOCATIONS.
- (R9) REFER TO WALL SECTIONS FOR SIZE AND TYPE OF VENTING AT EAVES.
- (R10) [Symbol] DENOTES 22"x36" ATTIC ACCESS PANEL. REFER TO DETAIL 1/A7.61
- (R11) PROVIDE ACCESS PANEL IN DRAFTSTOPPING. SPRING LOADED PIANO HINGE WITH LATCH MECHANISM. KARP KDW 24"x24" OR APPROVED EQUAL.
- (R12) - - - - - DENOTES DRAFTSTOPPING / SHEER WALL IN ATTIC AREA. PROVIDE 2X2 OPENING AT TOP OF SHEER WALL TO ALIGN WITH ROOF VENTILATION. SEE STRUCTURAL DRAWINGS.

Valley 5:12 Slope_B2	54.0 FT
Valley 3/8:12 Slope_B2	86.3 FT
Hip 5:12 Slope_B2	1579.0 FT
Ridge_B2	432.8 FT
Hip 3/7:8:12 Slope_B2	36.7 FT
Metal Drip Edge Eave_B2	1355.0 FT
Roof Shingles 5:12_B2	23202.2 SQ.FT
Roof Shingles 3/7:8:12_B2	805.7 SQ.FT
Headwall_B2	79.4 FT
Sidewall_B2	65.1 FT
Rake 5:12_B2	99.5 FT

**1 BUILDING TYPE II - ROOF PLAN**

1/8" = 1'-0"

Takeoff By: AB / Joe  
 Checked By: Nick  
 Date: 25th Feb 2016



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**BUILDING TYPE II**  
**ROOF PLAN**

date: 12-29-2015  
 job no: 3740\_A1H  
 drawn by: TAB/AIH  
 reviewed by: CBA  
 file: 3740\_A124  
 issue history:

**A1.24**

Seminole County, FL  
 Gary F. Brock  
 Architect AA C000798  
 Alexander Investments International  
 174 W. Comstock Ave. Suite # 112  
 Winter Park - FL 32789  
 PH: 407-702-6685  
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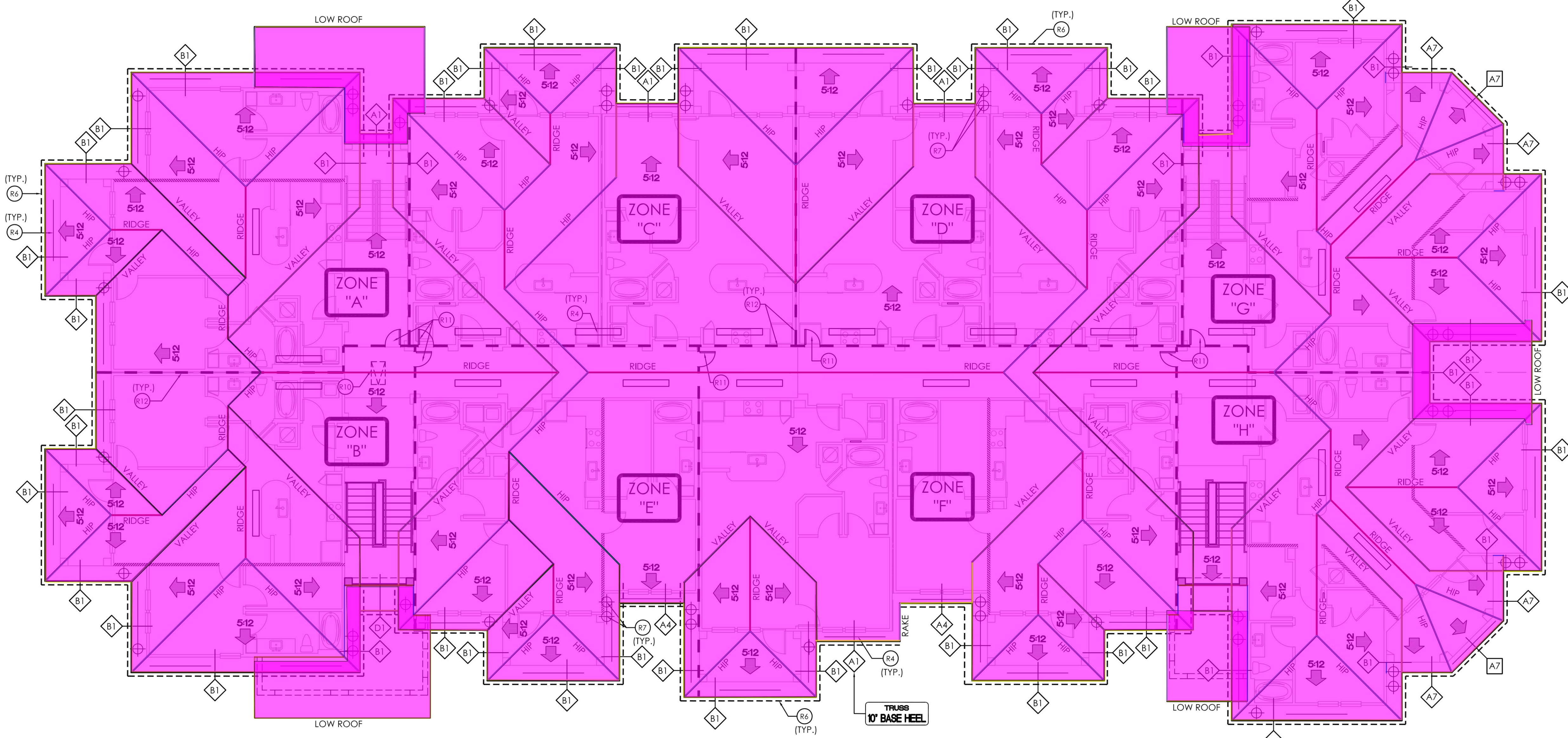


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407.660.8900 f: 407.875.9948  
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BUILDING TYPE III  
ROOF PLAN

date: 12-29-2015  
job no: 3740.14  
drawn by: TAB/AIH  
reviewed by: CBA  
file: 3740 A134  
issue history:



**1 BUILDING TYPE III - ROOF PLAN**  
1/8" = 1'-0"

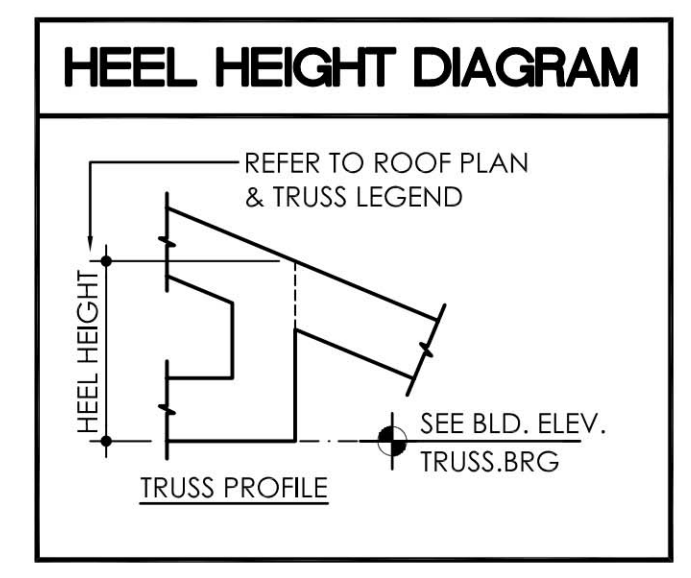
Takeoff By : AB  
Checked By : Joe  
Date : 25th Feb 2016

Valley_5:12 Slope_B3	564.0 FT
Hip_5:12 Slope_B3	814.2 FT
Ridge_B3	380.8 FT
Metal Drip Edge Eave_B3	1037.1 FT
Roof Shingles 3-7/8:12_B3	16504.0 SQ FT
Headwall_B3	67.5 FT
Sidewall_B3	67.6 FT
Rake 5:12_B3	48.4 FT

- ROOF NOTES**
- (R1) ALL ROOF PITCHES ARE 5:12 UNLESS NOTED OTHERWISE.
  - (R2) ROOFING CONTRACTOR TO PROVIDE OFF-RIDGE ROOF VENTILATION IN ACCORDANCE W/ 2014 FLORIDA BUILDING CODE (5th EDITION). OFF-RIDGE ROOF VENTS SHALL BE GALV. STEEL OR ALUMINUM VENT W/ SCREEN. PAINT VENTS TO MATCH ROOF. REFER TO ROOF VENT CALCULATIONS ON THIS SHEET.
  - (R3) ROOF VENTS SHOWN ARE CALCULATED AT A 1:300 RATIO. SEE ATTIC VENT CALC'S FOR ROOF VENTING.
  - (R4) \_\_\_\_\_ & \_\_\_\_\_ DENOTES ROOF VENTS REFER TO ROOF CALCULATIONS FOR OVERALL SQ. FOOTAGE OF VENTING.
  - (R5) REFER TO DETAIL 9/A7.51 FOR DIVERTER REQUIREMENTS.
  - (R6) - - - - - DENOTES 6" GUTTER LOCATIONS.
  - (R7) ⊕ DENOTES DOWNSPOUT LOCATION. ATTACH PER SMACNA RECOMMENDATIONS PER DETAIL 7/A7.51. VERIFY LOCATIONS WITH CIVIL/LANDSCAPE DRAWINGS.
  - (R8) REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR ROOF PENETRATION LOCATIONS.
  - (R9) REFER TO WALL SECTIONS FOR SIZE AND TYPE OF VENTING AT EAVES.
  - (R10) [Symbol] DENOTES 22"x36" ATTIC ACCESS PANEL. REFER TO DETAIL 1/A7.61
  - (R11) PROVIDE ACCESS PANEL IN DRAFTSTOPPING. SPRING LOADED PIANO HINGE WITH LATCH MECHANISM. KARP KDW 24"x24" OR APPROVED EQUAL.
  - (R12) - - - - - DENOTES DRAFTSTOPPING / SHEER WALL IN ATTIC AREA. PROVIDE 2'x2' OPENING AT TOP OF SHEER WALL TO ALIGN WITH ROOF VENTILATION. SEE STRUCTURAL DRAWINGS.

**ROOF TRUSS LEGEND**

TRUSS TYPE	HEEL HEIGHT	BEARING HEIGHT	ROOF OVERHANG
A1	1'-0"	30'-8 7/8"	1'-4"
A2	1'-2 1/8"		1'-4"
A3	1'-8 7/8"		1'-4"
A4	2'-11"		1'-4"
A5	2'-5 1/8"		1'-4"
A6	3'-4 1/2"		1'-4"
A7	1'-4"		1'-4"
B1	5'-1"		2'-0"
B2	10'-5 1/8"		2'-0"
C1	8"		1'-2"
D1	1'-8"		3'-4"



**ATTIC VENTILATION CALC'S**

ROOF "ZONES" SEPARATED BY DRAFTSTOPPING AREA CALCULATED INDIVIDUALLY. CALCULATIONS OF REQUIRED VENTILATION ARE BASED ON FBC 2010 SECTION 1203.

FORMULA FOR REQUIRED VENTING:  
ROOF SQ. FT. X (1/300) = TOTAL VENTING  
MIN. 50% HIGH VENTING  
MIN. 50%+ LOW (EAVE) VENTING

SOFFIT (LOW) VENTING:  
BASED ON "SEMCO" SV201 2" WIDE ALUM. SOFFIT-STRIP PROVIDING 92 SQ. IN. OF VENTING. PER LIN. FT. = 0.08 SQ. FT.

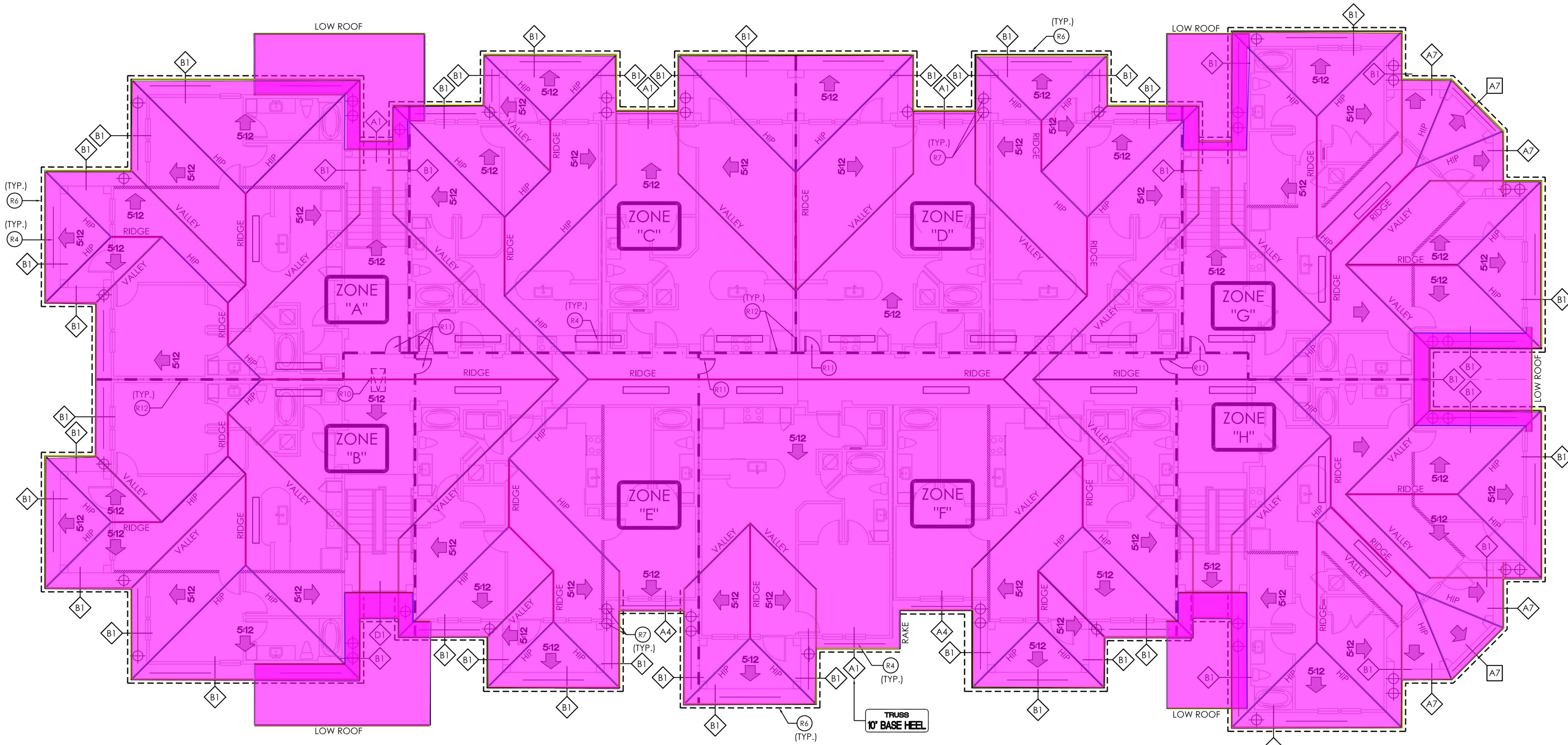
OFF RIDGE (HIGH) VENTING:  
BASED ON "TAMCO" VENT. EACH VENT PROVIDES 210 SQ. IN. OF VENTING = 1.46 SQ. FT.

ZONE	AREA SQ. FT.	ROOF PERIMETER LIN. FT.	HIGH SQ. FT.	REQUIRED VENTING		PROVIDED VENTING	
				LOW SQ. FT.	HIGH SQ. FT.	LOW SQ. FT.	LOW SQ. FT.
A	1,609	106'-8"	2.68	2.68	(2) 2.92	(5) 3.20	
B	1,692	102'-10"	2.82	2.82	(2) 2.92	(5) 3.20	
C	1,865	71'-5"	3.11	3.11	(3) 4.38	(5) 3.20	
D	1,865	71'-5"	3.11	3.11	(3) 4.38	(5) 3.20	
E	1,493	66'-5"	2.48	2.48	(2) 2.92	(5) 3.20	
F	2,578	91'-11"	4.29	4.29	(3) 4.38	(7) 4.48	
G	1,778	122'-8"	2.96	2.96	(3) 4.38	(5) 3.20	
H	1,860	111'-6"	3.10	3.10	(3) 4.38	(5) 3.20	

SOFFIT (LOW) VENTS:  
1 = 0.64 SQ. FT. 3 = 1.92 SQ. FT. 5 = 3.20 SQ. FT. 7 = 4.48 SQ. FT. 9 = 5.76 SQ. FT. 11 = 7.04 SQ. FT.  
2 = 1.28 SQ. FT. 4 = 2.56 SQ. FT. 6 = 3.84 SQ. FT. 8 = 5.12 SQ. FT. 10 = 6.40 SQ. FT. 12 = 7.68 SQ. FT.

OFF RIDGE (HIGH) VENTS:  
1 = 1.46 SQ. FT. 4 = 5.84 SQ. FT. 7 = 10.22 SQ. FT. 10 = 14.60 SQ. FT.  
2 = 2.92 SQ. FT. 5 = 7.30 SQ. FT. 8 = 11.68 SQ. FT. 11 = 16.06 SQ. FT.  
3 = 4.38 SQ. FT. 6 = 8.76 SQ. FT. 9 = 13.14 SQ. FT. 12 = 17.52 SQ. FT.

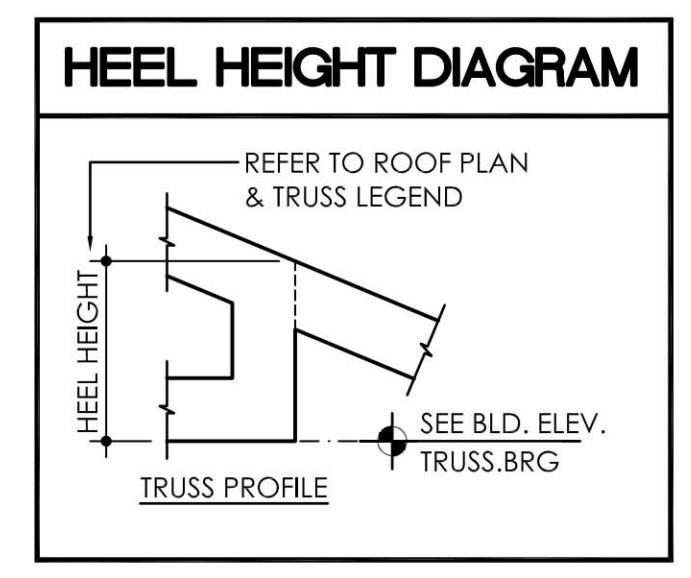
DRAFTSTOPPING SHOWN AS \_\_\_\_\_ OFF RIDGE VENT SHOWN AS \_\_\_\_\_  
SOFFIT VENT SHOWN AS \_\_\_\_\_



**1 BUILDING TYPE IV - ROOF PLAN** 1/8" = 1'-0"

Takeoff By : Joe  
Checked By : Nick  
Date :25th Feb, 2016

TRUSS TYPE	HEEL HEIGHT	BEARING HEIGHT	ROOF OVERHANG
A1	10"		1'-4"
A2	1'-2 1/8"		1'-4"
A3	1'-8 7/8"		1'-4"
A4	2'-11"		1'-4"
A5	2'-5 1/8"		1'-4"
A6	3'-4 1/2"		1'-4"
A7	1'-4"		1'-4"
B1	5'-1"		2'-0"
B2	10'-5 1/8"		2'-0"
C1	8"		1'-2"
D1	1'-8"		3'-4"



Valley 5:12 Slope_B4	563.5 FT
Ridge_B4	359.2 FT
Hip 5:12 Slope_B4	763.8 FT
Metal Drip Edge Eave_B4	1014.1 FT
Roof Shingles 5:12_B4	17950.4 SQ FT
Headwall_B4	80.8 FT
Sidewall_B4	96.4 FT
Rake 5:12_B4	77.3 FT

**ROOF NOTES**

(R1) ALL ROOF PITCHES ARE 5:12 UNLESS NOTED OTHERWISE.

(R2) ROOFING CONTRACTOR TO PROVIDE OFF-RIDGE ROOF VENTILATION IN ACCORDANCE W/ 2014 FLORIDA BUILDING CODE (5th EDITION). OFF-RIDGE ROOF VENTS SHALL BE GALV. STEEL OR ALUMINUM VENT W/ SCREEN. PAINT VENTS TO MATCH ROOF. REFER TO ROOF VENT CALCULATIONS ON THIS SHEET.

(R3) ROOF VENTS SHOWN ARE CALCULATED AT A 1:300 RATIO. SEE ATTIC VENT CALC'S FOR ROOF VENTING.

(R4) \_\_\_\_\_ & \_\_\_\_\_ DENOTES ROOF VENTS REFER TO ROOF CALCULATIONS FOR OVERALL SQ. FOOTAGE OF VENTING.

(R5) REFER TO DETAIL 9/A7.51 FOR DIVERTER REQUIREMENTS.

(R6) - - - - - DENOTES 6" GUTTER LOCATIONS.

(R7) ⊕ DENOTES DOWNSPOUT LOCATION. ATTACH PER SMACNA RECOMMENDATIONS PER DETAIL 7/A7.51. VERIFY LOCATIONS WITH CIVIL/LANDSCAPE DRAWINGS.

(R8) REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR ROOF PENETRATION LOCATIONS.

(R9) REFER TO WALL SECTIONS FOR SIZE AND TYPE OF VENTING AT EAVES.

(R10) [Symbol] DENOTES 22"x36" ATTIC ACCESS PANEL. REFER TO DETAIL 1/A7.61

(R11) PROVIDE ACCESS PANEL IN DRAFTSTOPPING. SPRING LOADED PIANO HINGE WITH LATCH MECHANISM. KARP KDW 24"x24" OR APPROVED EQUAL.

(R12) - - - - - DENOTES DRAFTSTOPPING / SHEER WALL IN ATTIC AREA. PROVIDE 2'x2' OPENING AT TOP OF SHEER WALL TO ALIGN WITH ROOF VENTILATION. SEE STRUCTURAL DRAWINGS.

**ATTIC VENTILATION CALC'S**

ROOF "ZONES" SEPARATED BY DRAFTSTOPPING AREA CALCULATED INDIVIDUALLY. CALCULATIONS OF REQUIRED VENTILATION ARE BASED ON FBC 2010 SECTION 1203.

FORMULA FOR REQUIRED VENTING:  
ROOF SQ. FT. X (1/300) = TOTAL VENTING  
MIN. 50% HIGH VENTING  
MIN. 50%+ LOW (EAVE) VENTING

SOFFIT (LOW) VENTING:  
BASED ON "SEMCO" SV201 2" WIDE ALUM. SOFFIT-STRIP PROVIDING 92 SQ. IN. OF VENTING. PER LIN. FT. = 0.08 SQ. FT.

OFF RIDGE (HIGH) VENTING:  
BASED ON "TAMCO" VENT. EACH VENT PROVIDES 210 SQ. IN. OF VENTING = 1.46 SQ. FT.

ZONE	AREA SQ. FT.	ROOF PERIMETER LIN. FT.	HIGH SQ. FT.	REQUIRED VENTING		PROVIDED VENTING	
				LOW SQ. FT.	HIGH SQ. FT.	LOW SQ. FT.	LOW SQ. FT.
A	1,609	106'-8"	2.68	2.68	(2) 2.92	(5) 3.20	
B	1,692	102'-10"	2.82	2.82	(2) 2.92	(5) 3.20	
C	1,865	71'-5"	3.11	3.11	(3) 4.38	(5) 3.20	
D	1,865	71'-5"	3.11	3.11	(3) 4.38	(5) 3.20	
E	1,493	66'-5"	2.48	2.48	(2) 2.92	(5) 3.20	
F	2,578	91'-11"	4.29	4.29	(3) 4.38	(7) 4.48	
G	1,778	122'-8"	2.96	2.96	(3) 4.38	(5) 3.20	
H	1,860	111'-6"	3.10	3.10	(3) 4.38	(5) 3.20	

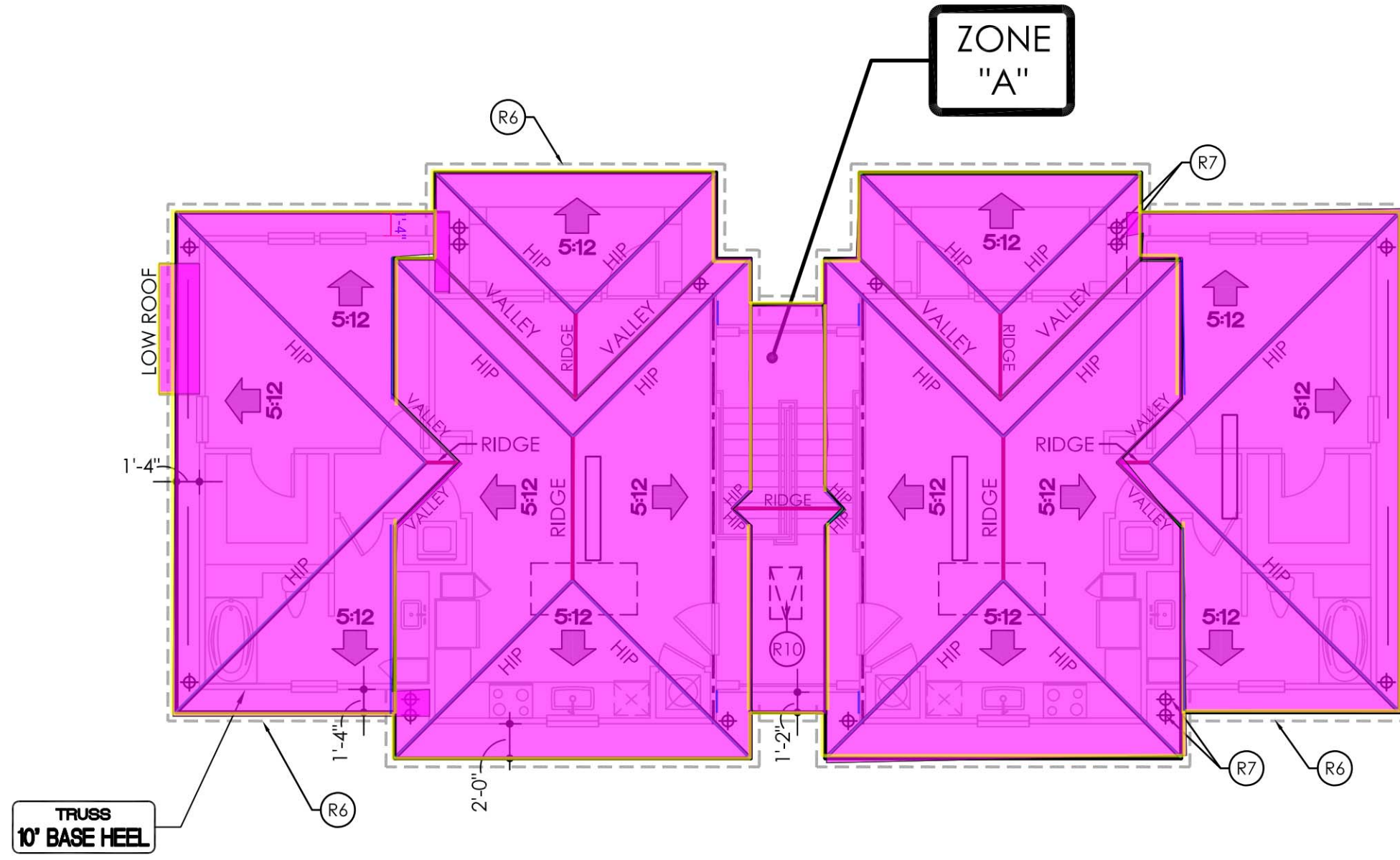
SOFFIT (LOW) VENTS:  
1 = 0.64 SQ. FT. 3 = 1.92 SQ. FT. 5 = 3.20 SQ. FT. 7 = 4.48 SQ. FT. 9 = 5.76 SQ. FT. 11 = 7.04 SQ. FT.  
2 = 1.28 SQ. FT. 4 = 2.56 SQ. FT. 6 = 3.84 SQ. FT. 8 = 5.12 SQ. FT. 10 = 6.40 SQ. FT. 12 = 7.68 SQ. FT.

OFF RIDGE (HIGH) VENTS:  
1 = 1.46 SQ. FT. 4 = 5.84 SQ. FT. 7 = 10.22 SQ. FT. 10 = 14.60 SQ. FT.  
2 = 2.92 SQ. FT. 5 = 7.30 SQ. FT. 8 = 11.68 SQ. FT. 11 = 16.06 SQ. FT.  
3 = 4.38 SQ. FT. 6 = 8.76 SQ. FT. 9 = 13.14 SQ. FT. 12 = 17.52 SQ. FT.

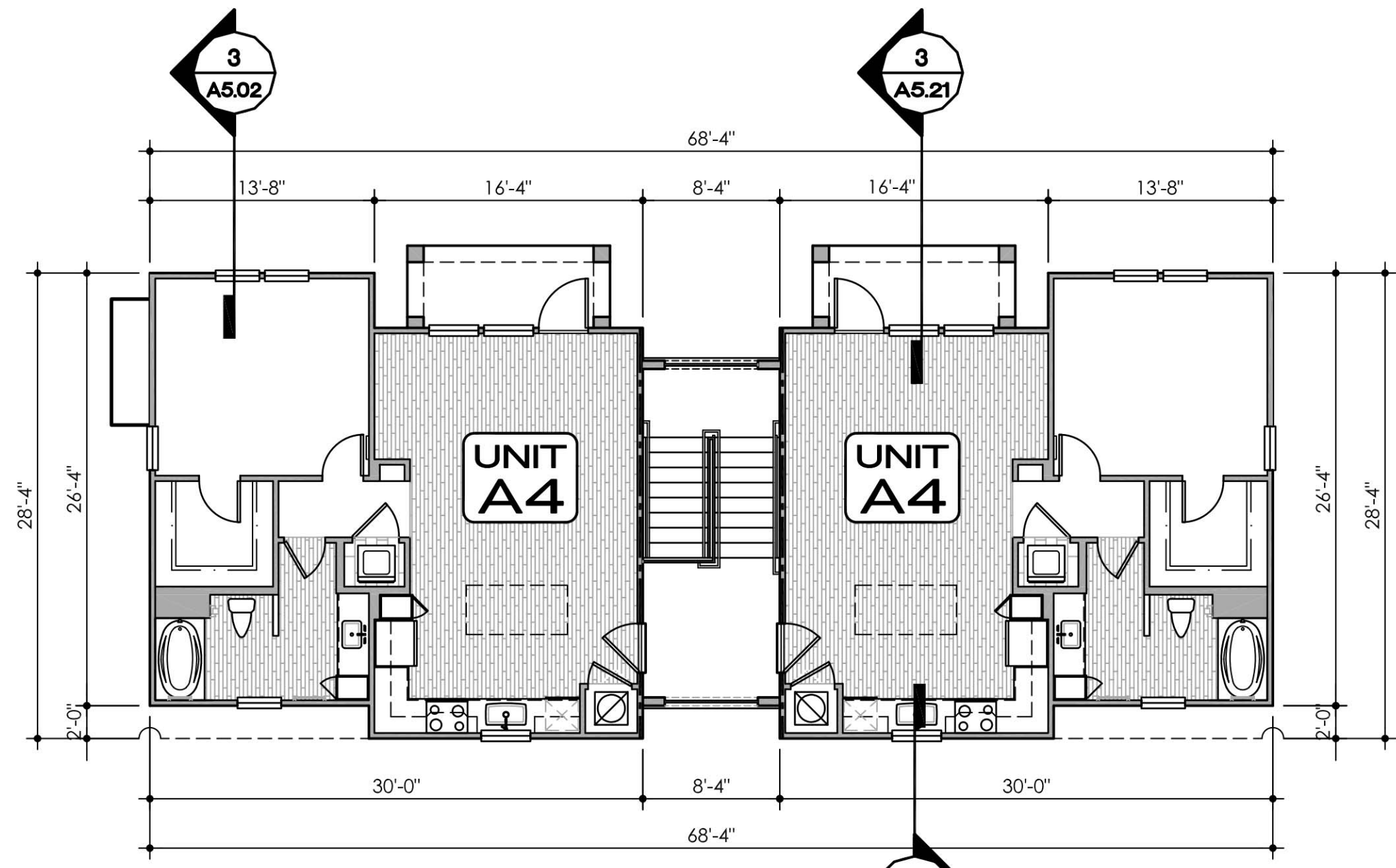
DRAFTSTOPPING SHOWN AS \_\_\_\_\_ OFF RIDGE VENT SHOWN AS \_\_\_\_\_  
SOFFIT VENT SHOWN AS \_\_\_\_\_

\\P\POINT\DRAWINGS\1\APARTMENT\00\_CURRENT\3740\_A151 Wednesday, December 30, 2016

Valley_5:12 Slope_B5	72.1 FT
Hip_5:12 Slope_B5	268.6 FT
Ridge_B5	36.7 FT
Metal Drip Edge Eave_B5	332.8 FT
Roof Shingles_5:12_B5	2441.9 SQ FT
Sidewall_B5	46.2 FT



**3 BUILDING TYPE V - ROOF PLAN** 1/8" = 1'-0"



**2 BUILDING TYPE V - 2ND FLOOR PLAN** 1/8" = 1'-0"

**ROOF NOTES**

- R1 ALL ROOF PITCHES ARE 5:12 UNLESS NOTED OTHERWISE.
- R2 ROOFING CONTRACTOR TO PROVIDE OFF-RIDGE ROOF VENTILATION IN ACCORDANCE W/ 2014, 5th EDITION FLORIDA BUILDING CODE. OFF-RIDGE ROOF VENTS SHALL BE GALVANIZED STEEL OR ALUMINUM VENT W/ SCREEN. PAINT VENTS TO MATCH ROOF. REFER TO ROOF VENT CALCULATIONS ON THIS SHEET.
- R3 ROOF VENTS SHOWN ARE CALCULATED AT A 1:300 RATIO. SEE ATTIC VENT CALCS. FOR ROOF VENTING.
- R4 & DENOTES ROOF VENTS REFER TO ROOF CALCULATIONS FOR OVERALL SQ. FOOTAGE OF VENTING.
- R5 REFER TO DETAIL 9/A7.51 FOR DIVERTER REQUIREMENTS.
- R6 DENOTES 6" GUTTER LOCATIONS.
- R7 DENOTES DOWNSPOUT LOCATION. ATTACH PER SMACNA RECOMMENDATIONS PER DETAIL 7/A7.51. VERIFY LOCATIONS WITH CIVIL/LANDSCAPE DRAWINGS.
- R8 REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR ROOF PENETRATION LOCATIONS.
- R9 REFER TO WALL SECTIONS FOR SIZE AND TYPE OF VENTING AT EAVES.
- R10 DENOTES 22"x36" ATTIC ACCESS PANEL. REFER TO DETAIL 1/A7.61
- R11 PROVIDE ACCESS PANEL IN DRAFTSTOPPING. SPRING LOADED PIANO HINGE WITH LATCH MECHANISM. KARP KDW 24"x24" OR APPROVED EQUAL.
- R12 WALL IN ATTIC AREA. PROVIDE 2"x2" OPENING AT TOP OF SHEER WALL TO ALIGN WITH ROOF VENTILATION. SEE STRUCTURAL DRAWINGS.

**ATTIC VENTILATION CALC'S**

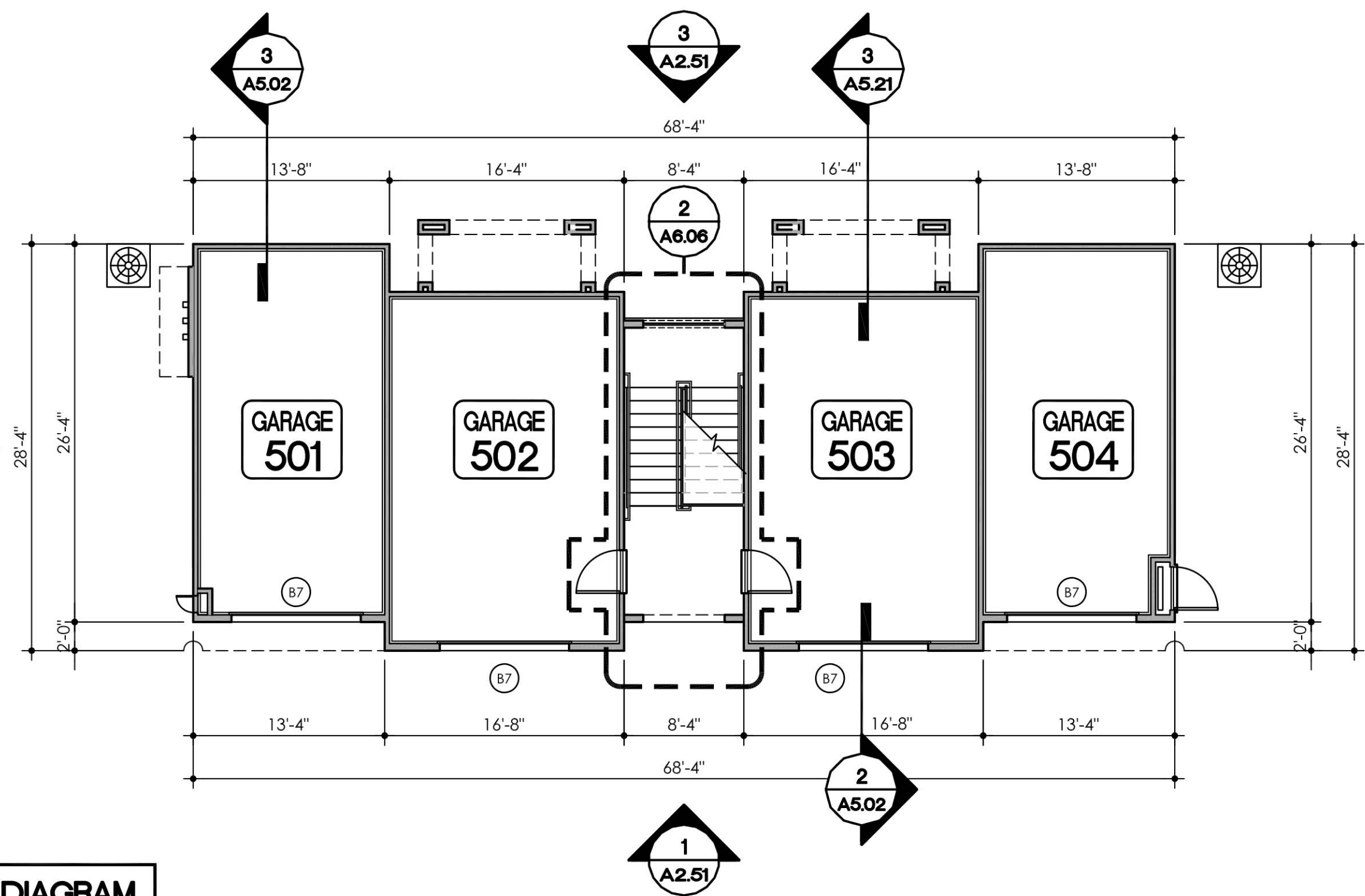
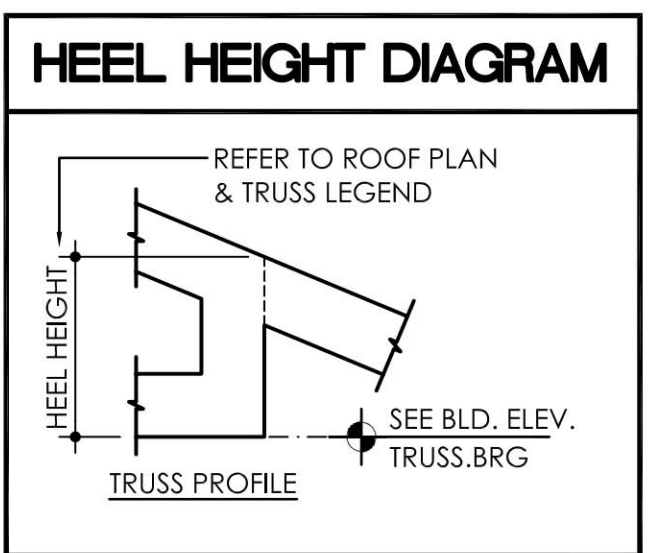
ROOF "ZONES" SEPARATED BY DRAFTSTOPPING AREA CALCULATED INDIVIDUALLY. CALCULATIONS OF REQUIRED VENTILATION ARE BASED ON FBC 2014, 5th EDITION, SECTION 1203.

FORMULA FOR REQUIRED VENTING:  
 ROOF SQ. FT. X (1/300) = TOTAL VENTING  
 MIN. 50% HIGH VENTING  
 MIN. 50% LOW LEAVE VENTING

SOFFIT LOW VENTING:  
 BASED ON SEMCO SV201 2" WIDE ALUM. SOFFIT STRIP PROVIDING 92 SQ. IN. OF VENTING. PER LIN. FT. = 0.08 SQ. FT.

OFF RIDGE HIGH VENTING:  
 BASED ON TAMCO VENT. EACH VENT PROVIDES 210 SQ. IN. OF VENTING = 1.46 SQ. FT.

ZONE	AREA SQ. FT.	ROOF PITCH	REQUIRED VENTING		PROVIDED VENTING	
			HIGH SQ. FT.	LOW SQ. FT.	HIGH SQ. FT.	LOW SQ. FT.
A	2,212	230-8"	3.69	3.69	(3) 4.38	(6) 3.84
SOFFIT (LOW) VENTS:			1 = 0.64 SQ. FT.	4 = 2.56 SQ. FT.	7 = 4.48 SQ. FT.	10 = 6.40 SQ. FT.
			2 = 1.28 SQ. FT.	5 = 3.20 SQ. FT.	8 = 5.12 SQ. FT.	11 = 7.04 SQ. FT.
			3 = 1.92 SQ. FT.	6 = 3.84 SQ. FT.	9 = 5.76 SQ. FT.	12 = 7.68 SQ. FT.
OFF RIDGE (HIGH) VENTS:			1 = 1.46 SQ. FT.	4 = 5.84 SQ. FT.	7 = 10.22 SQ. FT.	10 = 14.60 SQ. FT.
			2 = 2.92 SQ. FT.	5 = 7.30 SQ. FT.	8 = 11.68 SQ. FT.	11 = 16.06 SQ. FT.
			3 = 4.38 SQ. FT.	6 = 8.76 SQ. FT.	9 = 13.14 SQ. FT.	12 = 17.52 SQ. FT.



**1 BUILDING TYPE V - 1ST FLOOR PLAN** 1/8" = 1'-0"

**BUILDING TYPE V AREA TOTALS**

FLOOR	1ST	2ND	TOTALS
UNIT A/C	0	1,538	1,538
GROSS BUILDING AREAS (SF):			
FLOOR	1ST	2ND	TOTALS
TOTAL:	1,841	1,838	3,679

**BUILDING MIX**

BUILDING TYPE V	1ST LEVEL	2ND LEVEL	TOTAL PER BLDG. NUMBER OF BLDGS.	TOTAL
UNIT A1	-	-	-	-
UNIT A2	-	-	-	-
UNIT A3	-	-	-	-
UNIT A4	-	2	2	12
UNIT B1	-	-	-	-
UNIT B2	-	-	-	-
UNIT B3	-	-	-	-
UNIT B4	-	-	-	-
UNIT C1	-	-	-	-
UNIT C2	-	-	-	-
TOTALS	-	2	2	6 (12)

**TYPICAL BUILDING FLOOR PLAN NOTES**

A. BUILDING CONTROL PLANS PROVIDED TO CONVEY GENERAL BUILDING LAYOUT AND UNIT ARRANGEMENT. REFER TO ENLARGED PLANS FOR ADDITIONAL INFORMATION.

B. FOR INFORMATION ON INDIVIDUAL UNIT PLANS REFER TO THE SHEETS:

C. FOR INFORMATION ON INDIVIDUAL GARAGE AND STORAGE UNITS REFER TO SHEET A4.30 - SERIES

D. REFER TO SHEET A4.61 THROUGH A4.66 FOR ENLARGED CLUBHOUSE PLANS

E. GRADE LEVEL COMMON USE TENANT AREAS WERE DESIGNED TO COMPLY WITH ANS I 117.1 FROM POINT OF ACCESS TO GRADE LEVEL UNIT FRONT

F. FOR ADDITIONAL INFORMATION ON ANS I 117.1 AND FAIR HOUSING GUIDELINES REFER TO SHEETS A4.71 THRU A4.72

G. ALL DIMENSIONS PROVIDED FROM CENTERLINE OF TENANT WALL TO CENTERLINE OF TENANT WALL OR FROM FACE OF SHEATHING AT CORRIDOR TO FACE OF SHEATHING AT EXTERIOR WALL.

H. ALL TENANT WALLS BETWEEN UNITS TO BE 1-HOUR RATED IN ACCORDANCE WITH UL #U341 ALL TENANT WALLS BETWEEN UNITS TO BE 1-HOUR RATED IN ACCORDANCE WITH UL #U341

I. WALLS BETWEEN UNIT AND CORRIDOR TO BE ONE HOUR RATED IN ACCORDANCE WITH UL #U305.

J. GARAGE WALLS TO BE 1-HOUR RATED

K. REFER TO SHEETS A8.11 THRU A8.32 FOR ADDITIONAL INFORMATION ON WALL FIRE RATED ASSEMBLIES.

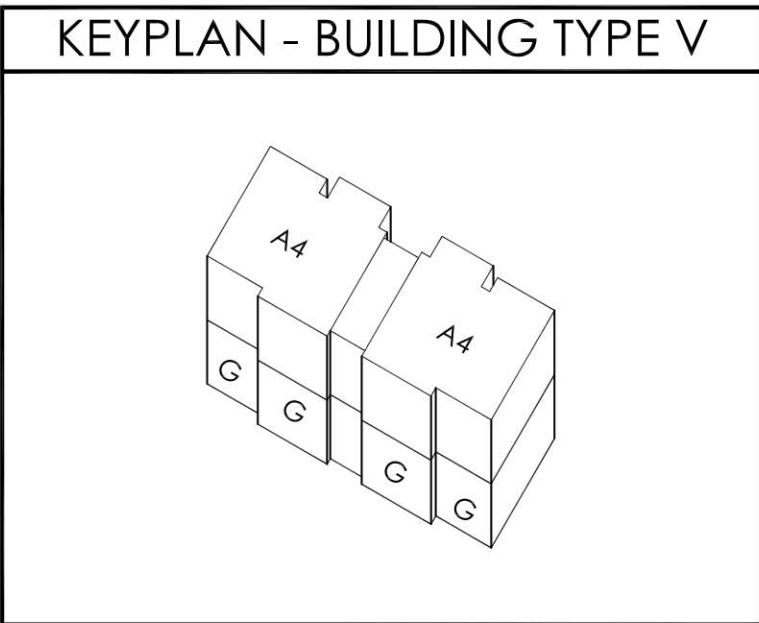
L. REFER TO MEP SHEETS FOR FIRE ALARM, PULL, CONTROL PANEL, SIGNALS, HORN LOCATIONS, AND EXIT SIGNS.

M. CONDENSER PADS SHOWN AS A GRAPHIC REPRESENTATION OF PAD LOCATIONS. ACTUAL PAD LOCATIONS MAY VARY BY BUILDING. REFER TO LANDSCAPE / HARDSCAPE DRAWINGS FOR FINAL AC PAD LOCATIONS FOR EACH BUILDING.

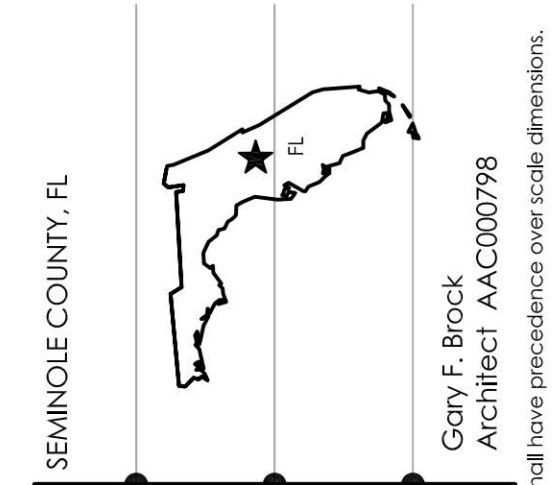
N. REFER TO MEP DRAWINGS FOR ELECTRICAL SERVICE / METER BANK LOCATIONS. LOCATE ON END OF BUILDING CLOSEST TO THE NEAREST TRANSFORMER.

O. BUILDINGS ARE TO BE FULLY SPRINKLED WITH AN NFPA 13R FIRE SUPPRESSION SYSTEM.

P. BUILDINGS ARE DESIGNED AND SHALL BE CONSTRUCTED TO MEET 139 MPH WIND LOADS. ALL CONSTRUCTION TO COMPLY WITH THE REQUIREMENTS FOR HURRICANE RESISTANT CONSTRUCTION AND / OR SECTION 1609 OF 2010 FLORIDA BUILDING CODE. REFER TO STRUCTURAL DRAWINGS FOR MORE INFORMATION ON STUD SPACING AND FRAMING CONNECTION INFORMATION.



Takeoff By : AB  
 Checked By : Nick / Joe  
 Date : 25th Feb, 2016



**ALEXANDER at Sabal Point**  
 Seminole County, FL

**charlan • brock associates**  
 architects • planners

1770 fennell street  
 maitland florida 32751-7208  
 407.660.8900 f: 407.875.9948  
 www.charbrock.com

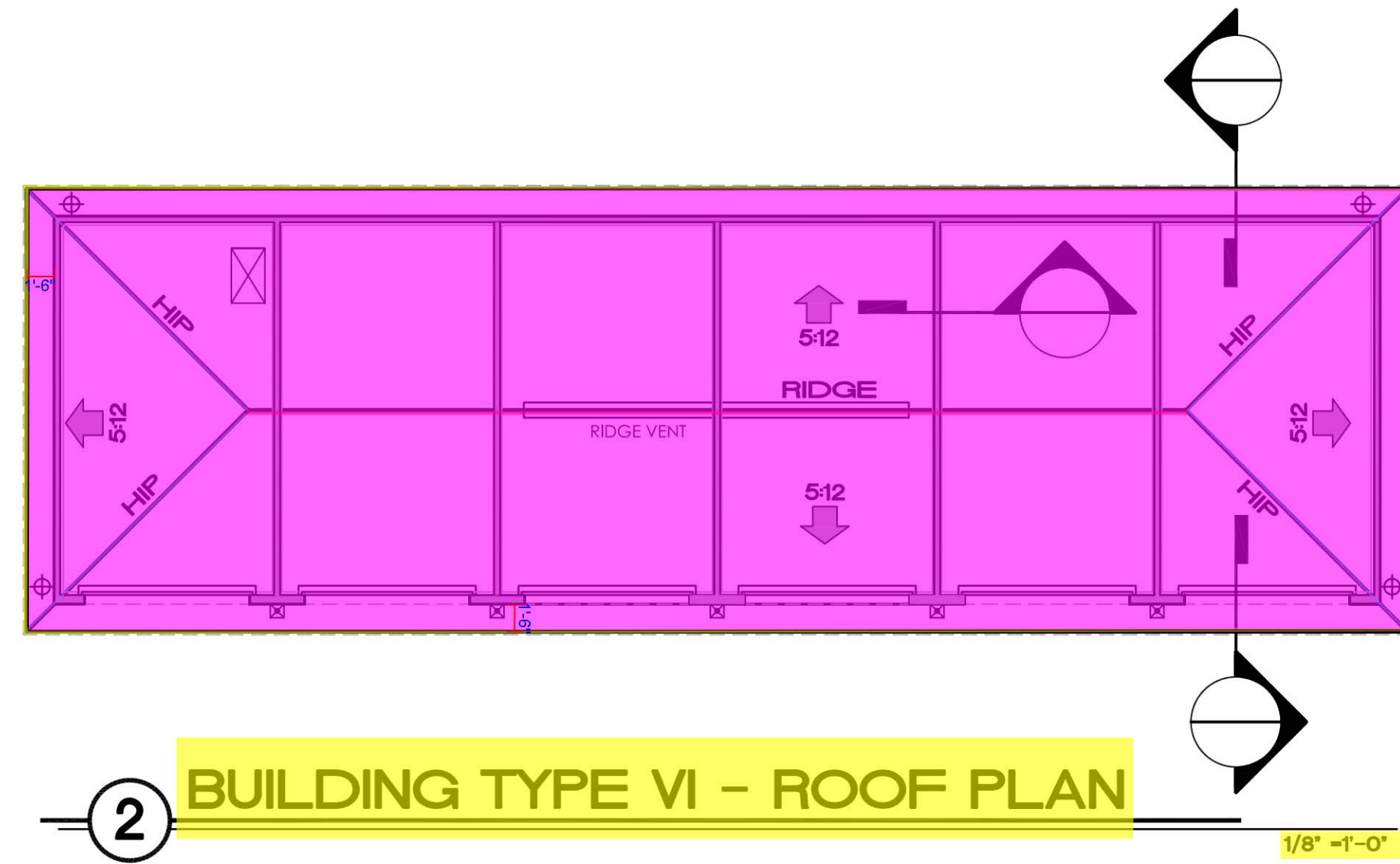
**BUILDING TYPE V**  
 FLOOR PLANS &  
 ROOF PLAN

date: 12-29-2015  
 job no: 3740.14  
 drawn by: TAB/AIH  
 reviewed by: CBA  
 file: 3740 A151  
 issue history:

**A1.51**

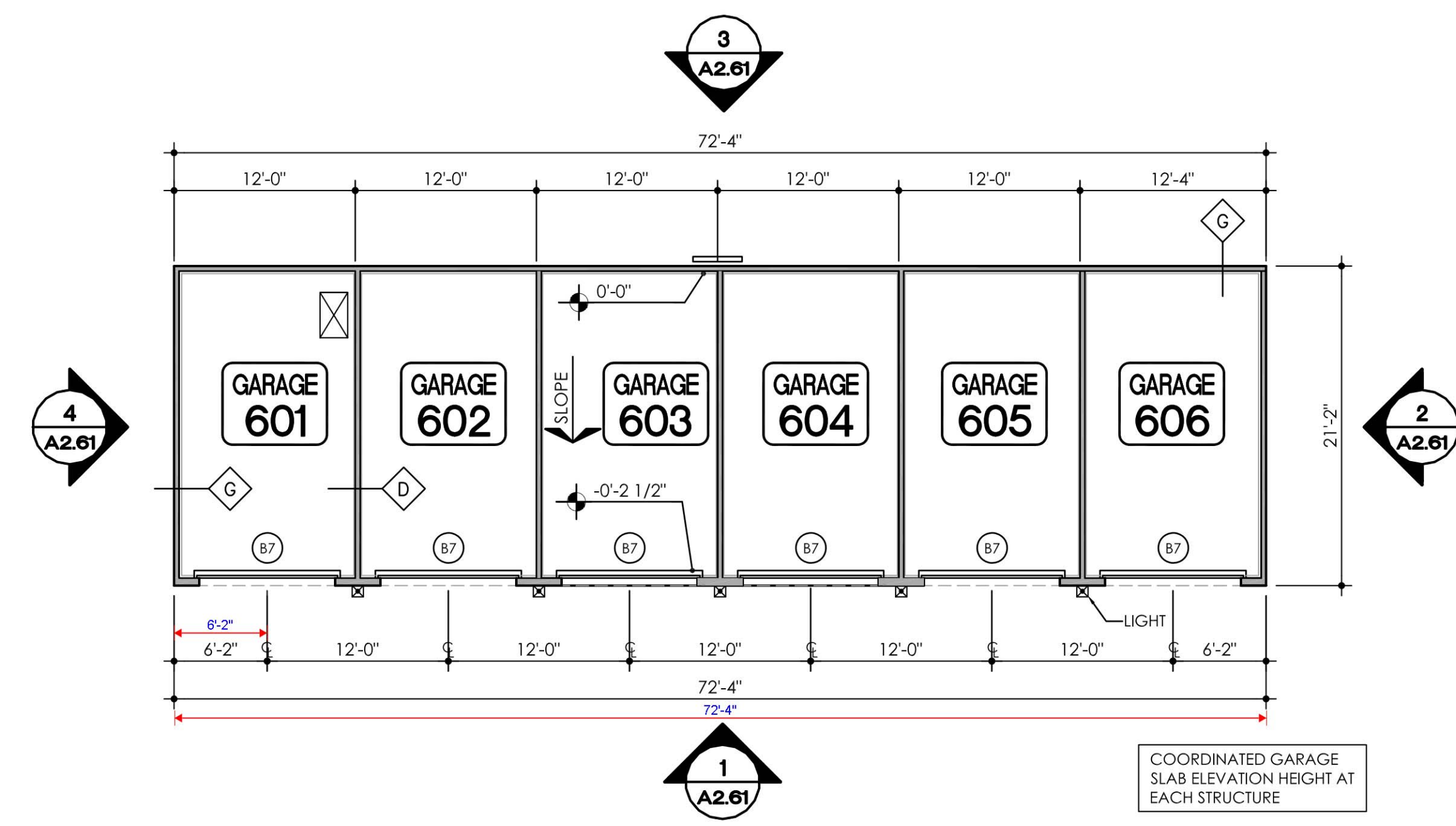
Gary F. Brock Architect AA C000798  
 Alexander Investments International  
 174 W. Comstock Ave. Suite # 112  
 Winter Park - FL 32789  
 PH: 407-702-6685  
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	Hip_5:12 Slope_B6	72.5 FT
	Ridge_B6	51.3 FT
	Metal Drip Edge Eave_B6	199.0 FT
	Roof Shingles_5:12_B6	1960.8 SQ FT



**2 BUILDING TYPE VI - ROOF PLAN**

1/8" = 1'-0"

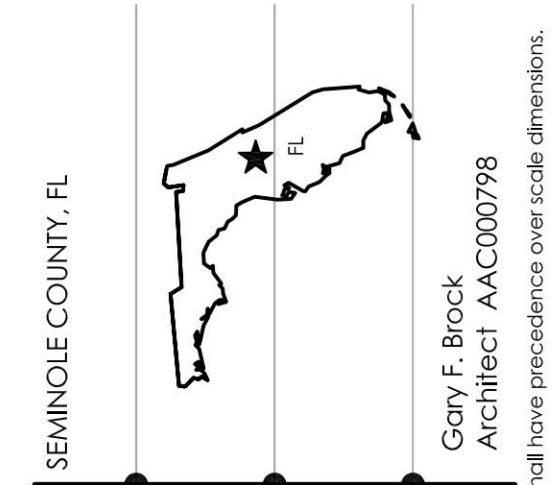


**1 BUILDING TYPE VI - FLOOR PLAN**

1/8" = 1'-0"

Takeoff By : AB  
Checked By : Nick  
Date : 24 Feb, 2016

TYPICAL BUILDING FLOOR PLAN NOTES			
A. BUILDING CONTROL PLANS PROVIDED TO CONVEY GENERAL BUILDING LAYOUT AND UNIT ARRANGEMENT. REFER TO ENLARGED PLANS FOR ADDITIONAL INFORMATION.	SHEET A4.09 - UNIT B2 SHEET A4.10 - UNIT B3 SHEET A4.11 - UNIT B4 SHEET A4.12 - UNIT C1 SHEET A4.13 - UNIT C2	DOOR UNITS WERE DESIGNED TO COMPLY WITH FAIR HOUSING ACT DESIGN MANUAL	WITH UL #U341 ALL TENANT WALLS BETWEEN UNITS TO BE 1-HOUR RATED IN ACCORDANCE WITH UL #U341
B. FOR INFORMATION ON INDIVIDUAL UNIT PLANS REFER TO THE SHEETS:	C. FOR INFORMATION ON INDIVIDUAL GARAGE AND STORAGE UNITS REFER TO SHEET A4.30 SERIES	F. FOR ADDITIONAL INFORMATION ON ANS I A117.1 AND FAIR HOUSING GUIDELINES REFER TO SHEETS A4.71 THRU A4.72	I. WALLS BETWEEN UNIT AND CORRIDOR TO BE ONE HOUR RATED IN ACCORDANCE WITH UL #U305.
SHEET A4.01 - UNIT S1 SHEET A4.02 - UNIT A1 SHEET A4.03 - UNIT A1.1 SHEET A4.04 - UNIT A2 SHEET A4.05 - UNIT A3 SHEET A4.06 - UNIT A4 SHEET A4.07 - UNIT B1 SHEET A4.08 - UNIT B1.1	D. REFER TO SHEET A4.61 THROUGH A4.66 FOR ENLARGED CLUBHOUSE PLANS	G. ALL DIMENSIONS PROVIDED FROM CENTERLINE OF TENANT WALL TO FACE OF SHEATHING AT CORRIDOR TO FACE OF SHEATHING AT EXTERIOR WALL.	J. GARAGE WALLS TO BE 1-HOUR RATED
	E. GRADE LEVEL COMMON USE TENANT AREAS WERE DESIGNED TO COMPLY WITH ANS I A117.1 FROM POINT OF ACCESS TO GRADE LEVEL UNIT FRONT	H. ALL TENANT WALLS BETWEEN UNITS TO BE 1-HOUR RATED IN ACCORDANCE	K. REFER TO SHEETS A8.11 THRU A8.32 FOR ADDITIONAL INFORMATION ON WALL FIRE RATED ASSEMBLIES.
			L. REFER TO MEP SHEETS FOR FIRE ALARM, PULL, CONTROL PANEL, SIGNALS, HORN LOCATIONS, AND EXIT SIGNS.
			M. CONDENSER PADS SHOWN AS A GRAPHIC REPRESENTATION OF PAD LOCATIONS. ACTUAL PAD LOCATIONS MAY VARY BY BUILDING. REFER TO LANDSCAPE / HARDSCAPE DRAWINGS FOR FINAL AC PAD LOCATIONS FOR EACH BUILDING.
			N. REFER TO MEP DRAWINGS FOR ELECTRICAL SERVICE / METER BANK LOCATIONS. LOCATE ON END OF BUILDING CLOSEST TO THE NEAREST TRANSFORMER.
			O. BUILDINGS ARE TO BE FULLY SPRINKLED WITH AN NFPA 13R FIRE SUPPRESSION SYSTEM.
			P. BUILDINGS ARE DESIGNED AND SHALL BE CONSTRUCTED TO MEET 139 MPH WIND LOADS. ALL CONSTRUCTION TO COMPLY WITH THE REQUIREMENTS FOR HURRICANE RESISTANT CONSTRUCTION AND / OR SECTION 1609 OF 2010 FLORIDA BUILDING CODE. REFER TO STRUCTURAL DRAWINGS FOR MORE INFORMATION ON STUD SPACING AND FRAMING CONNECTION INFORMATION.



**ALEXANDER at Sabal Point**  
Seminole County, FL

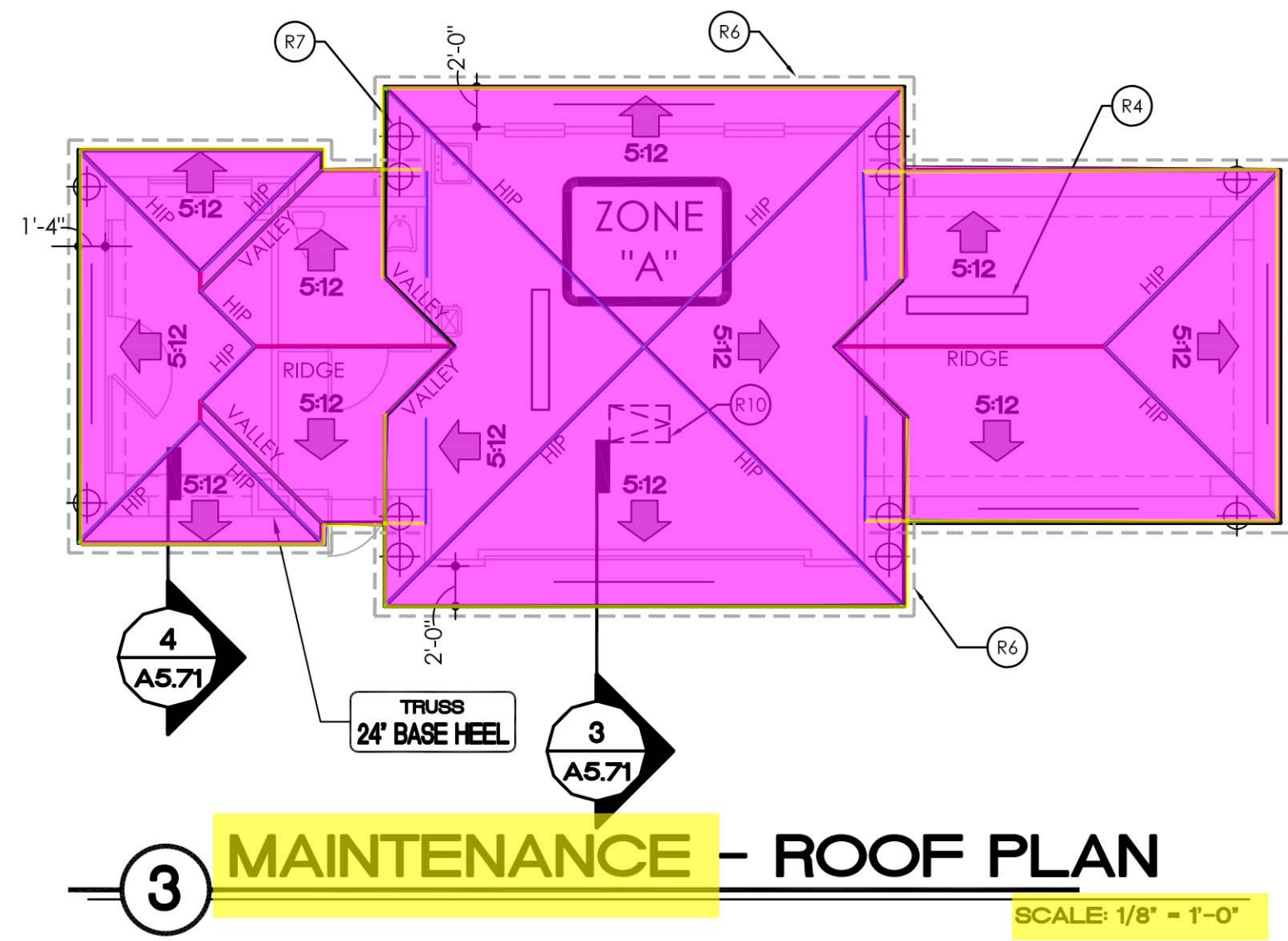
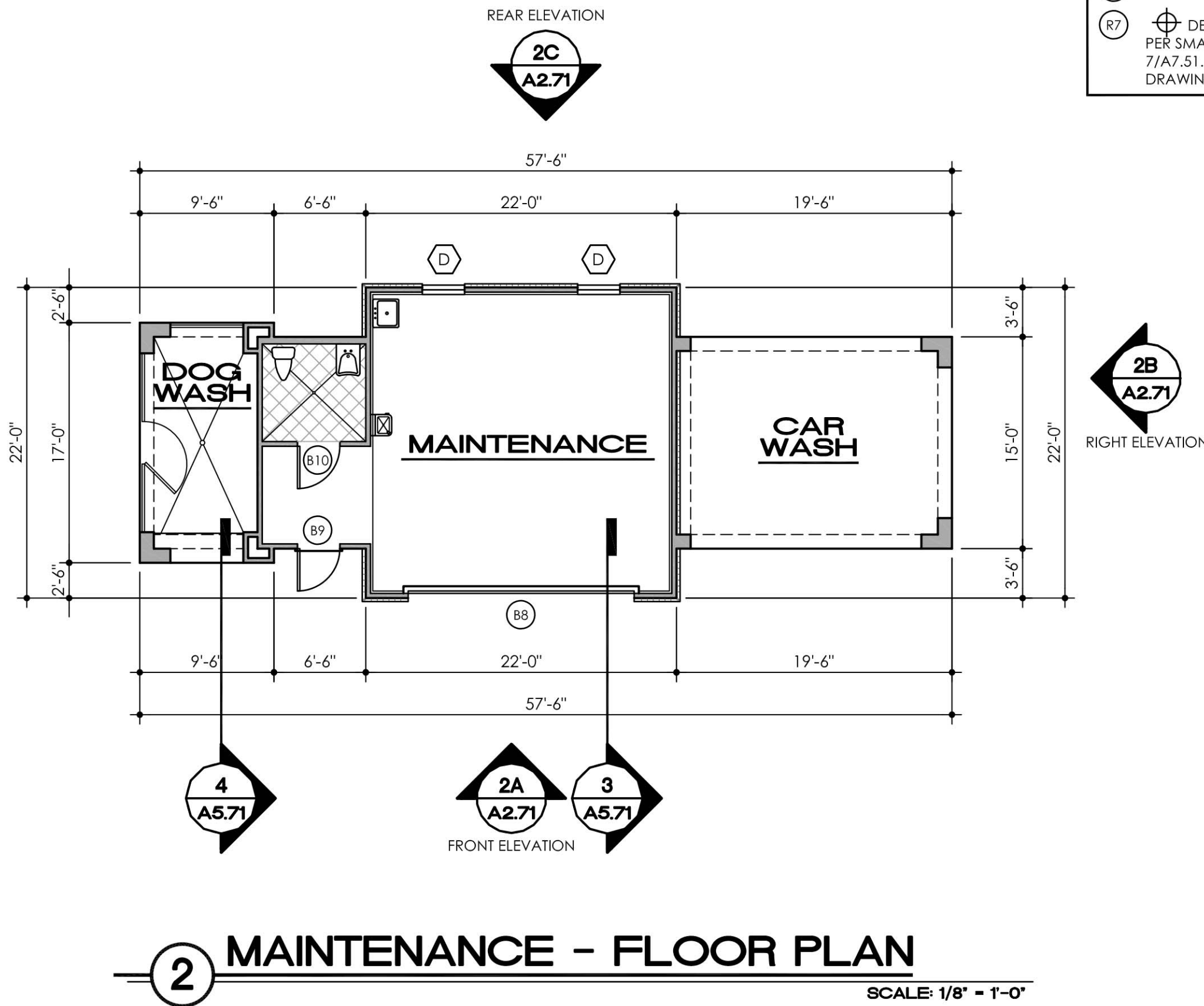
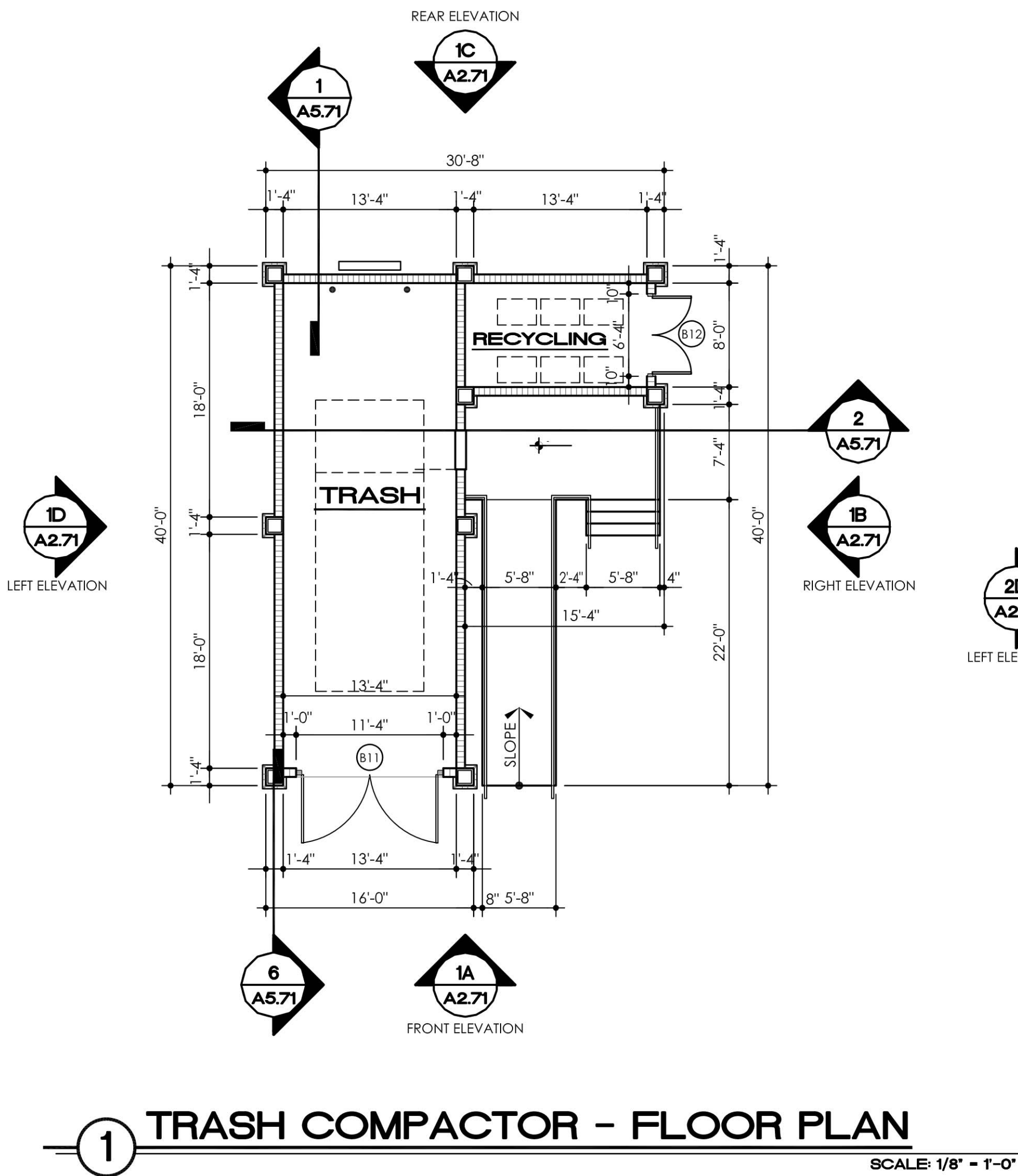
Alexander Investments International  
174 W. Comstock Ave. Suite # 112  
Winter Park - FL 32789  
PH: 407-702-6685



**BUILDING TYPE VI**  
**FLOOR PLANS &**  
**ROOF PLAN**

date: **12-29-2015**  
job no: **3740.14**  
drawn by: **TAB/AIH**  
reviewed by: **CBA**  
file: **3740 A161**  
issue history:

Hip_5:12 Slope_Maintenance	150.0 FT
Valley_5:12 Slope_Maintenance	39.5 FT
Ridge_Maintenance	25.4 FT
Metal Drip Edge Eave_Maintenance	205.4 FT
Roof Shingles 5:12_Maintenance	1416.1 SQ FT
Sidewall_Maintenance	23.0 FT



ATTIC VENTILATION CALC'S						
ZONE	AREA SQ. FT.	ROOF PERIMETER LIN. FT.	REQUIRED VENTING		PROVIDED VENTING	
			HIGH SQ. FT.	LOW SQ. FT.	HIGH SQ. FT.	LOW SQ. FT.
A	1,304	176'-4"	2.17	2.17	(2) 2.92	(5) 3.20

ROOF "ZONES" SEPARATED BY DRAFTSTOPPING AREA CALCULATED INDIVIDUALLY. CALCULATIONS OF REQUIRED VENTILATION ARE BASED ON FBC 2010 SECTION 1203.

FORMULA FOR REQUIRED VENTING:  
 ROOF SQ. FT. X (1/300) = TOTAL VENTING  
 MIN. 50% HIGH VENTING  
 MIN. 50%+ LOW (EAVE) VENTING

SOFFIT (LOW) VENTING:  
 BASED ON "SEMCO" SV201 2" WIDE ALUM. SOFFIT-STRIP PROVIDING 92 SQ. IN. OF VENTING. PER LIN. FT. = 0.08 SQ. FT.

OFF RIDGE (HIGH) VENTING:  
 BASED ON "TAMCO" VENT. EACH VENT PROVIDES 210 SQ. IN. OF VENTING = 1.46 SQ. FT.

DRAFTSTOPPING SHOWN AS: \_\_\_\_\_  
 OFF RIDGE VENT SHOWN AS: \_\_\_\_\_  
 SOFFIT VENT SHOWN AS: \_\_\_\_\_

SOFFIT (LOW) VENTS:  
 1 = 0.64 SQ. FT. 3 = 1.92 SQ. FT. 5 = 3.20 SQ. FT. 7 = 4.48 SQ. FT. 9 = 5.76 SQ. FT. 11 = 7.04 SQ. FT.  
 2 = 1.28 SQ. FT. 4 = 2.56 SQ. FT. 6 = 3.84 SQ. FT. 8 = 5.12 SQ. FT. 10 = 6.40 SQ. FT. 12 = 7.68 SQ. FT.

OFF RIDGE (HIGH) VENTS:  
 1 = 1.46 SQ. FT. 4 = 5.84 SQ. FT. 7 = 10.22 SQ. FT. 10 = 14.60 SQ. FT.  
 2 = 2.92 SQ. FT. 5 = 7.30 SQ. FT. 8 = 11.68 SQ. FT. 11 = 16.06 SQ. FT.  
 3 = 4.38 SQ. FT. 6 = 8.76 SQ. FT. 9 = 13.14 SQ. FT. 12 = 17.52 SQ. FT.

- ROOF NOTES**
- R1 ALL ROOF PITCHES ARE 5:12 UNLESS NOTED OTHERWISE.
  - R2 ROOFING CONTRACTOR TO PROVIDE OFF-RIDGE ROOF VENTILATION IN ACCORDANCE W/ 2014, 5th EDITION FLORIDA BUILDING CODE. OFF-RIDGE ROOF VENTS SHALL BE GALVANIZED STEEL OR ALUMINUM VENT W/ SCREEN. PAINT VENTS TO MATCH ROOF. REFER TO ROOF VENT CALCULATIONS ON THIS SHEET.
  - R3 ROOF VENTS SHOWN ARE CALCULATED AT A 1:300 RATIO. SEE ATTIC VENT CALC'S. FOR ROOF VENTING.
  - R4 \_\_\_\_\_ & \_\_\_\_\_ DENOTES ROOF VENTS REFER TO ROOF CALCULATIONS FOR OVERALL SQ. FOOTAGE OF VENTING.
  - R5 REFER TO DETAIL 9/A7.51 FOR DIVERTER REQUIREMENTS.
  - R6 - - - - - DENOTES 6" GUTTER LOCATIONS.
  - R7 ⊕ DENOTES DOWNSPOUT LOCATION. ATTACH PER SMACNA RECOMMENDATIONS PER DETAIL 7/A7.51. VERIFY LOCATIONS WITH CIVIL/LANDSCAPE DRAWINGS.
  - R8 REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR ROOF PENETRATION LOCATIONS.
  - R9 REFER TO WALL SECTIONS FOR SIZE AND TYPE OF VENTING AT EAVES.
  - R10 ⊞ DENOTES 22"x36" ATTIC ACCESS PANEL. REFER TO DETAIL 1/A7.61
  - R11 PROVIDE ACCESS PANEL IN DRAFTSTOPPING, SPRING LOADED PIANO HINGE WITH LATCH MECHANISM. KARP KDW 24"x24" OR APPROVED EQUAL.
  - R12 - - - - - DENOTES DRAFTSTOPPING / SHEER WALL IN ATTIC AREA. PROVIDE 2x2 OPENING AT TOP OF SHEER WALL TO ALIGN WITH ROOF VENTILATION. SEE STRUCTURAL DRAWINGS.

Takeoff By: AB  
 Checked By: Nick  
 Date: 24 Feb, 2016

TYPICAL BUILDING FLOOR PLAN NOTES			
A. BUILDING CONTROL PLANS PROVIDED TO CONVEY GENERAL BUILDING LAYOUT AND UNIT ARRANGEMENT. REFER TO ENLARGED PLANS FOR ADDITIONAL INFORMATION.	SHEET A4.09 - UNIT B2 SHEET A4.10 - UNIT B3 SHEET A4.11 - UNIT B4 SHEET A4.12 - UNIT C1 SHEET A4.13 - UNIT C2	DOOR UNITS WERE DESIGNED TO COMPLY WITH FAIR HOUSING ACT DESIGN MANUAL	WITH UL #U341 ALL TENANT WALLS BETWEEN UNITS TO BE 1-HOUR RATED IN ACCORDANCE WITH UL #U341
B. FOR INFORMATION ON INDIVIDUAL UNIT PLANS REFER TO THE SHEETS:	C. FOR INFORMATION ON INDIVIDUAL GARAGE AND STORAGE UNITS REFER TO SHEET A4.30 SERIES	F. FOR ADDITIONAL INFORMATION ON ANSI 117.1 AND FAIR HOUSING GUIDELINES REFER TO SHEETS A4.71 THRU A4.72	I. WALLS BETWEEN UNIT AND CORRIDOR TO BE ONE HOUR RATED IN ACCORDANCE WITH UL #U305.
SHEET A4.01 - UNIT S1 SHEET A4.02 - UNIT A1 SHEET A4.03 - UNIT A1.1 SHEET A4.04 - UNIT A2 SHEET A4.05 - UNIT A3 SHEET A4.06 - UNIT A4 SHEET A4.07 - UNIT B1 SHEET A4.08 - UNIT B1.1	D. REFER TO SHEET A4.61 THROUGH A4.66 FOR ENLARGED CLUBHOUSE PLANS	G. ALL DIMENSIONS PROVIDED FROM CENTERLINE OF TENANT WALL TO FACE OF SHEATHING AT CORRIDOR TO FACE OF SHEATHING AT EXTERIOR WALL.	J. GARAGE WALLS TO BE 1-HOUR RATED
E. GRADE LEVEL COMMON USE TENANT AREAS WERE DESIGNED TO COMPLY WITH ANSI 117.1 FROM POINT OF ACCESS TO GRADE LEVEL UNIT FRONT		H. ALL TENANT WALLS BETWEEN UNITS TO BE 1-HOUR RATED IN ACCORDANCE	K. REFER TO SHEETS A8.11 THRU A8.32 FOR ADDITIONAL INFORMATION ON WALL FIRE RATED ASSEMBLIES.
			L. REFER TO MEP SHEETS FOR FIRE ALARM, PULL, CONTROL PANEL, SIGNALS, HORN LOCATIONS, AND EXIT SIGNS.
			M. CONDENSER PADS SHOWN AS A GRAPHIC REPRESENTATION OF PAD LOCATIONS. ACTUAL PAD LOCATIONS MAY VARY BY BUILDING. REFER TO LANDSCAPE / HARDSCAPE DRAWINGS FOR FINAL AC PAD LOCATIONS FOR EACH BUILDING.
			N. REFER TO MEP DRAWINGS FOR ELECTRICAL SERVICE / METER BANK LOCATIONS. LOCATE ON END OF BUILDING CLOSEST TO THE NEAREST TRANSFORMER.
			O. BUILDINGS ARE TO BE FULLY SPRINKLED WITH AN NFPA 13R FIRE SUPPRESSION SYSTEM.
			P. BUILDINGS ARE DESIGNED AND SHALL BE CONSTRUCTED TO MEET 139 MPH WIND LOADS. ALL CONSTRUCTION TO COMPLY WITH THE REQUIREMENTS FOR HURRICANE RESISTANT CONSTRUCTION AND / OR SECTION 1609 OF 2010 FLORIDA BUILDING CODE. REFER TO STRUCTURAL DRAWINGS FOR MORE INFORMATION ON STUD SPACING AND FRAMING CONNECTION INFORMATION.

SEMINOLE COUNTY, FL

Gary F. Brock  
 Architect AA C000798

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AMENITY BUILDINGS  
 FLOOR PLANS AND  
 ROOF PLAN

date: 12-29-2015  
 job no: 3740.14  
 drawn by: TAB/AIH  
 reviewed by: CBA  
 file: 3740 A171  
 issue history:

**A1.71**

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### ATTIC VENTILATION CALC'S

ZONE	AREA SQ.FT.	ROOF PERIMETER LIN. FT.	REQUIRED VENTING		PROVIDED VENTING	
			HIGH SQ.FT.	LOW SQ.FT.	HIGH SQ.FT.	LOW SQ.FT.
A	905	121'-0"	1.50	1.50	(2) 2.92	(2) 2.92

ROOF "ZONES" SEPARATED BY DRAFTSTOPPING AREA CALCULATED INDIVIDUALLY. CALCULATIONS OF REQUIRED VENTILATION ARE BASED ON FBC 2010 SECTION 1203.

FORMULA FOR REQUIRED VENTING:  
 ROOF SQ.FT. X (1/300) = TOTAL VENTING  
 MIN. 50% HIGH VENTING  
 MIN. 50%+ LOW (EAVE) VENTING

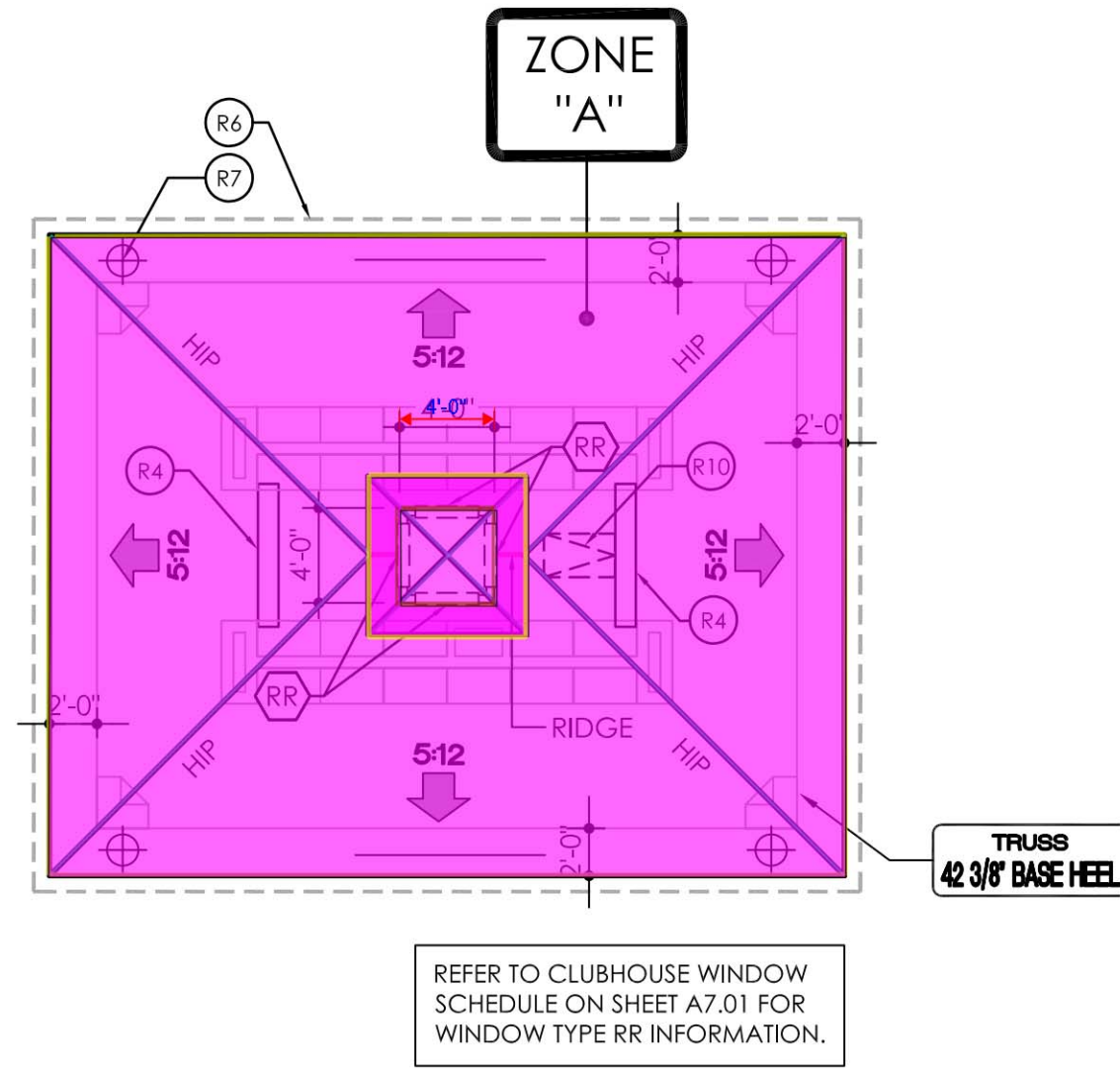
SOFFIT (LOW) VENTING:  
 BASED ON "SEMCO" SV201 2" WIDE ALUM.  
 SOFFIT-STRIP PROVIDING 92 SQ. IN. OF VENTING.  
 PER LIN. FT. = 0.08 SQ. FT.

OFF RIDGE (HIGH) VENTING:  
 BASED ON "TAMCO" VENT. EACH VENT PROVIDES  
 210 SQ. IN. OF VENTING = 1.46 SQ.FT.

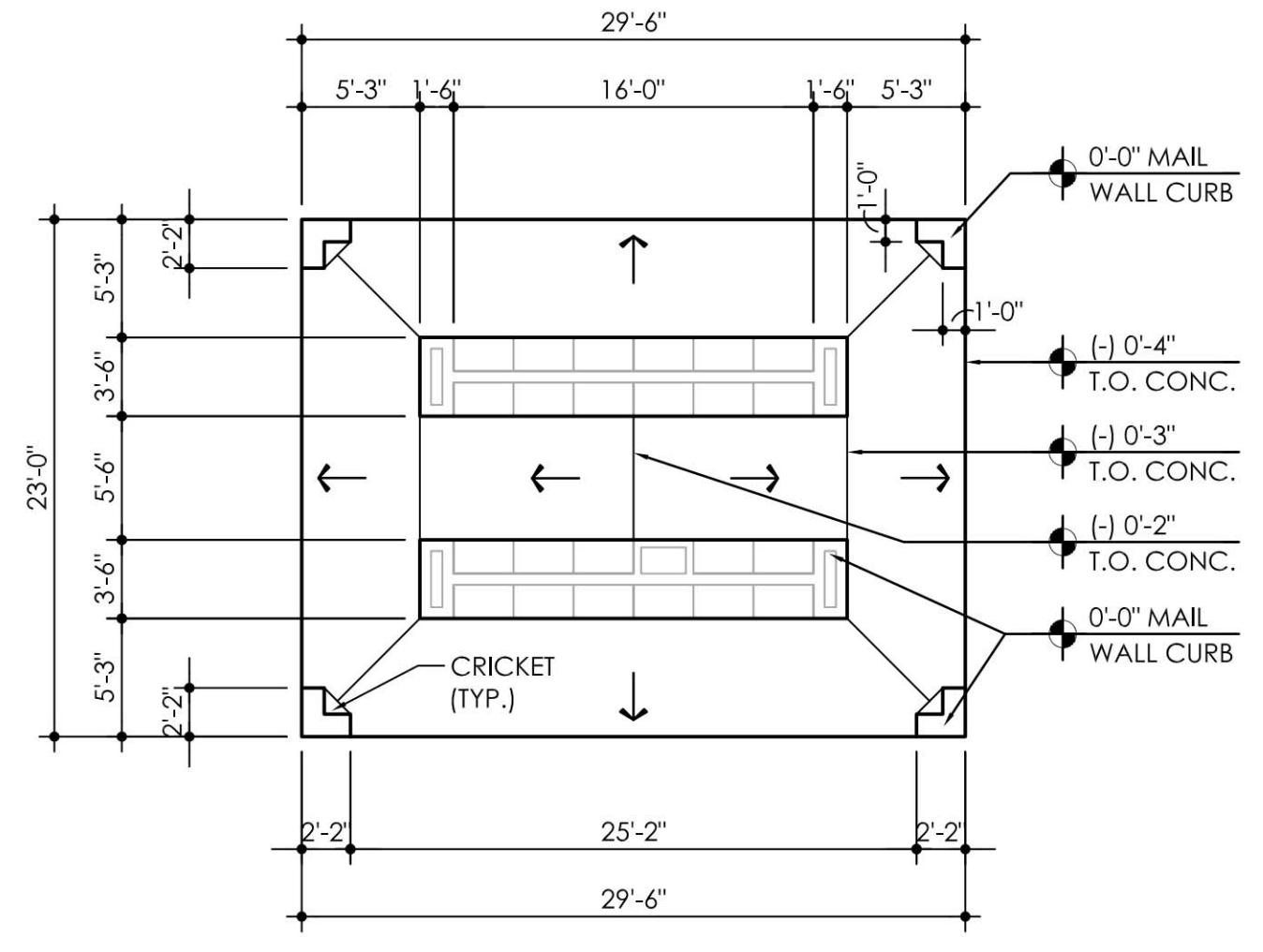
SOFFIT (LOW) VENTS:	OFF RIDGE (HIGH) VENTS:
1 = 0.64 SQ.FT	1 = 1.46 SQ.FT.
3 = 1.92 SQ.FT	4 = 5.84 SQ.FT.
5 = 3.20 SQ.FT	7 = 10.22 SQ.FT.
7 = 4.48 SQ.FT	10 = 14.60 SQ.FT.
9 = 5.76 SQ.FT	2 = 2.92 SQ.FT
11 = 7.04 SQ.FT	4 = 2.56 SQ.FT
12 = 7.68 SQ.FT	6 = 8.76 SQ.FT
	8 = 13.14 SQ.FT
	10 = 6.40 SQ.FT
	12 = 17.52 SQ.FT

### ROOF NOTES

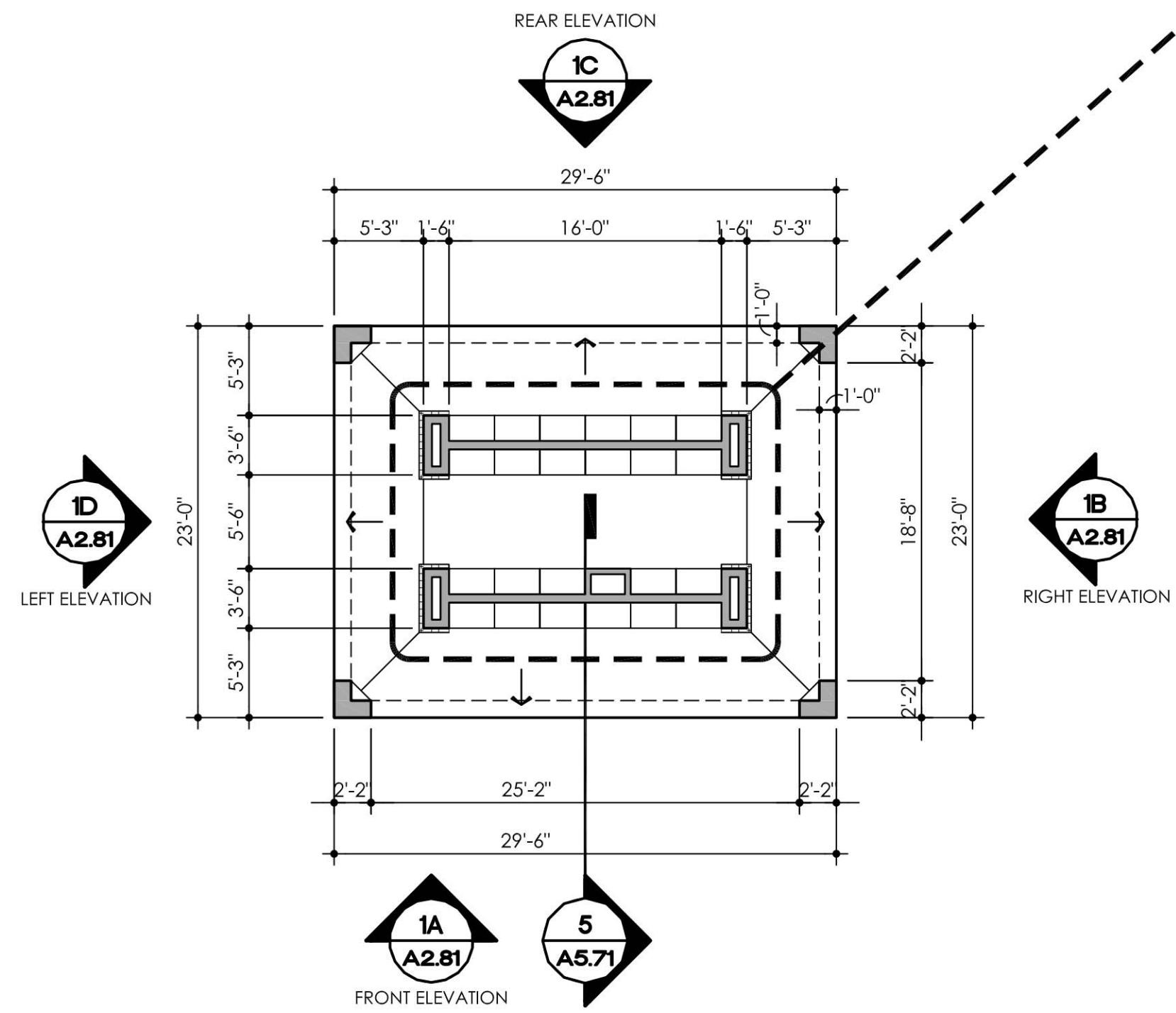
(R1) ALL ROOF PITCHES ARE 5:12 UNLESS NOTED OTHERWISE.	(R8) REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR ROOF PENETRATION LOCATIONS.
(R2) ROOFING CONTRACTOR TO PROVIDE OFF-RIDGE ROOF VENTILATION IN ACCORDANCE W/ 2014, 5th EDITION FLORIDA BUILDING CODE. OFF-RIDGE ROOF VENTS SHALL BE GALVANIZED STEEL OR ALUMINUM VENT W/ SCREEN. PAINT VENTS TO MATCH ROOF. REFER TO ROOF VENT CALCULATIONS ON THIS SHEET.	(R9) REFER TO WALL SECTIONS FOR SIZE AND TYPE OF VENTING AT EAVES.
(R3) ROOF VENTS SHOWN ARE CALCULATED AT A 1:300 RATIO. SEE ATTIC VENT CALC'S. FOR ROOF VENTING.	(R10) [Symbol] DENOTES 22"x36" ATTIC ACCESS PANEL. REFER TO DETAIL 1/A7.61
(R4) [Symbol] & [Symbol] DENOTES ROOF VENTS REFER TO ROOF CALCULATIONS FOR OVERALL SQ. FOOTAGE OF VENTING.	(R11) PROVIDE ACCESS PANEL IN DRAFTSTOPPING. SPRING LOADED PIANO HINGE WITH LATCH MECHANISM. KARP KDW 24"x24" OR APPROVED EQUAL.
(R5) REFER TO DETAIL 9/A7.51 FOR DIVERTER REQUIREMENTS.	(R12) [Symbol] DENOTES DRAFTSTOPPING / SHEER WALL IN ATTIC AREA. PROVIDE 2"x2" OPENING AT TOP OF SHEER WALL TO ALIGN WITH ROOF VENTILATION. SEE STRUCTURAL DRAWINGS.
(R6) [Symbol] DENOTES 6" GUTTER LOCATIONS.	
(R7) [Symbol] DENOTES DOWNSPOUT LOCATION. ATTACH PER SMACNA RECOMMENDATIONS PER DETAIL 7/A7.51. VERIFY LOCATIONS WITH CIVIL/LANDSCAPE DRAWINGS.	



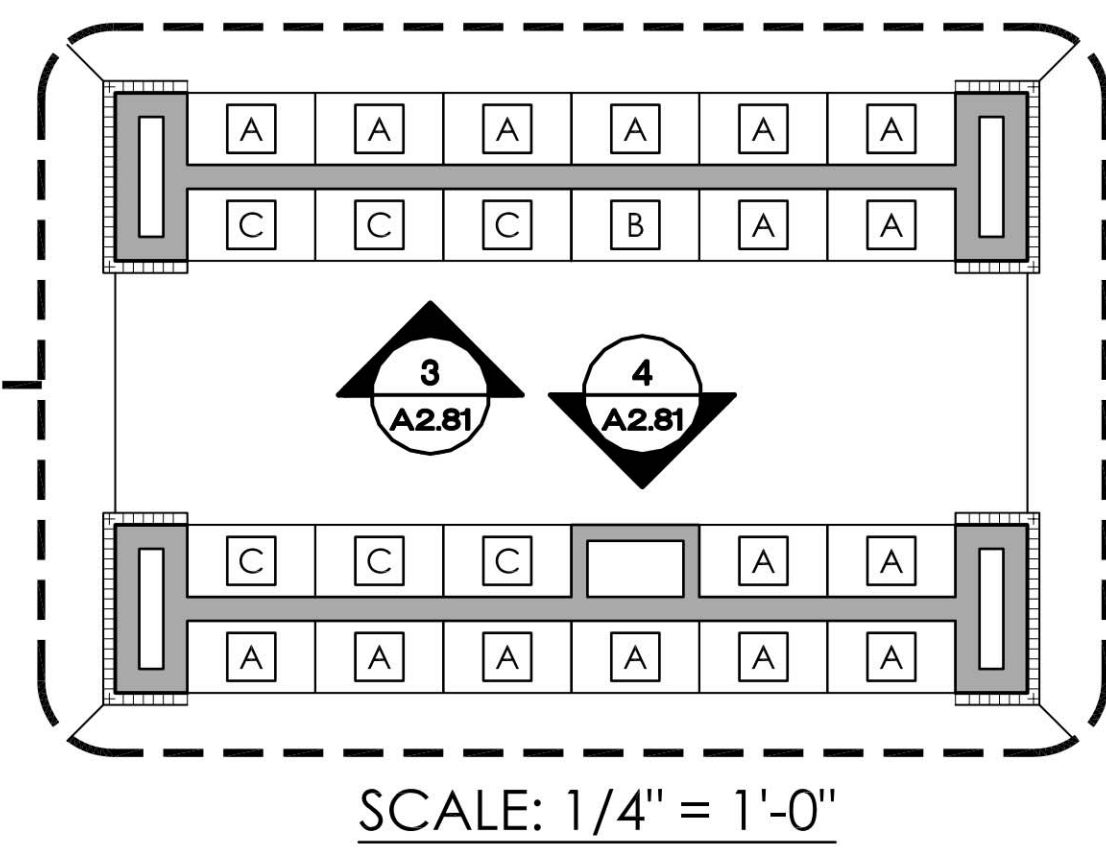
**3 MAIL KIOSK - ROOF PLAN**  
SCALE: 1/8" = 1'-0"



**1 MAIL KIOSK - SLAB PLAN**  
SCALE: 1/8" = 1'-0"



**2 MAIL KIOSK - FLOOR PLAN**  
SCALE: 1/8" = 1'-0"



SCALE: 1/4" = 1'-0"

# OF APARTMENTS:	
• ADA ELIGIBLE	208
• NON ADA ELIGIBLE	78
<b>TOTAL # OF APARTMENTS:</b>	<b>286</b>

ADA ELIGIBLE APARTMENTS:	
BUILDING TYPE I	39
BUILDING TYPE II	138
BUILDING TYPE III	9
BUILDING TYPE IV	22
BUILDING TYPE V	+ 0
<b>ADA PARCELS REQ'D (1 PER 10 MAILBOXES)</b>	<b>21</b>

### MAILBOX REQUIREMENTS

# OF APARTMENTS :	286
OFFICE :	1
<b>TOTAL MAILBOXES REQ'D:</b>	<b>287</b>
(208 MUST BE ADA COMPLIANT)	
<b>TOTAL PARCEL BOXES REQ'D:</b>	<b>29</b>
(1 PER 10 MAILBOXES)	
(21 MUST BE ADA COMPLIANT)	

### MAILBOX LEGEND

<b>A</b> FLORENCE MAILBOXES - 4CADD-10 (USPS APPROVED) ADA (16 UNITS) 10 MAILBOXES (ADA) 1 OUTGOING BOX 2 PARCEL BOXES
10 x (16) = 160 MAILBOXES 1 x (16) = 16 OUTGOING BOXES 2 x (16) = 32 PARCEL BOXES
<b>B</b> FLORENCE MAILBOXES - 4CADD-07 (USPS APPROVED) ADA (1 UNIT) 7 MAILBOXES (ADA) 1 OUTGOING BOX 2 PARCEL BOXES
7 x (1) = 7 MAILBOXES 1 x (1) = 1 OUTGOING BOXES 2 x (1) = 2 PARCEL BOXES
<b>C</b> FLORENCE MAILBOXES - 4C16D-20 (USPS APPROVED) (6 UNITS) 20 MAILBOXES (8 ADA) 1 OUTGOING BOX 2 PARCEL BOXES
20 x (6) = 120 MAILBOXES 1 x (6) = 6 OUTGOING BOXES 2 x (6) = 12 PARCEL BOXES
<b>PROJECT TOTAL: (PROVIDED)</b>
287 MAILBOXES (215 ARE ADA) 23 OUTGOING BOXES 46 PARCEL BOXES (ALL ADA)

Takeoff By : AB  
 Checked By : Nick  
 Date : 25th Feb, 2016

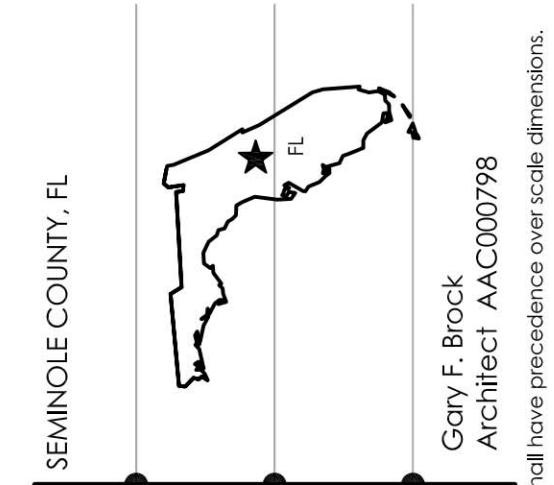
- ### U.S.P.S. INSTALLATION NOTES:
- NO PATRON (TENANT) LOCK SHALL BE POSITIONED MORE THAN 67" ABOVE FINISHED FLOOR.
  - NO PARCEL LOCKER (INTERIOR BOTTOM SHELF) SHALL BE POSITIONED LESS THAN 15" FROM FINISHED FLOOR.
  - NO CUSTOMER COMPARTMENT (INTERIOR BOTTOM SHELF) SHALL BE POSITIONED LESS THAN 28" FROM FINISHED FLOOR.
  - THE USPS ARROW LOCK SHALL BE POSITIONED 36"- 48" ABOVE FINISHED FLOOR.
  - PARCEL LOCKER REQUIREMENT BASED ON A 10:1 PARCEL LOCKER TO CUSTOMER COMPARTMENT RATIO.
  - EACH ARROW LOCK BOX LOCATION INCLUDES AN OUTGOING MAIL SLOT UNLESS OTHERWISE NOTED.
  - LEASING CENTER MAIL TO BE COORDINATED BY OWNER WITH THE U.S. POSTAL SERVICE.
  - MAIL BOXES TO COMPLY WITH AMERICANS WITH DISABILITY ACT (ADA) STANDARDS

### TYPICAL BUILDING FLOOR PLAN NOTES

A. BUILDING CONTROL PLANS PROVIDED TO CONVEY GENERAL BUILDING LAYOUT AND UNIT ARRANGEMENT. REFER TO ENLARGED PLANS FOR ADDITIONAL INFORMATION.	SHEET A4.09 - UNIT B2 SHEET A4.10 - UNIT B3 SHEET A4.11 - UNIT B4 SHEET A4.12 - UNIT C1 SHEET A4.13 - UNIT C2	F. FOR ADDITIONAL INFORMATION ON ANSI A117.1 AND FAIR HOUSING GUIDELINES REFER TO SHEETS A4.71 THRU A4.72	I. WALLS BETWEEN UNIT AND CORRIDOR TO BE ONE HOUR RATED IN ACCORDANCE WITH UL #U305.	M. CONDENSER PADS SHOWN AS A GRAPHIC REPRESENTATION OF PAD LOCATIONS. ACTUAL PAD LOCATIONS MAY VARY BY BUILDING. REFER TO LANDSCAPE / HARDSCAPE DRAWINGS FOR FINAL AC PAD LOCATIONS FOR EACH BUILDING.	P. BUILDINGS ARE DESIGNED AND SHALL BE CONSTRUCTED TO MEET 139 MPH WIND LOADS. ALL CONSTRUCTION TO COMPLY WITH THE REQUIREMENTS FOR HURRICANE RESISTANT CONSTRUCTION AND / OR SECTION 1609 OF 2010 FLORIDA BUILDING CODE. REFER TO STRUCTURAL DRAWINGS FOR MORE INFORMATION ON STUD SPACING AND FRAMING CONNECTION INFORMATION.
B. FOR INFORMATION ON INDIVIDUAL UNIT PLANS REFER TO THE SHEETS:	C. FOR INFORMATION ON INDIVIDUAL GARAGE AND STORAGE UNITS REFER TO SHEET A4.30 SERIES	G. ALL DIMENSIONS PROVIDED FROM CENTERLINE OF TENANT WALL TO FACE OF SHEATHING AT CORRIDOR TO FACE OF SHEATHING AT EXTERIOR WALL.	J. GARAGE WALLS TO BE 1-HOUR RATED	N. REFER TO MEP DRAWINGS FOR ELECTRICAL SERVICE / METER BANK LOCATIONS. LOCATE ON END OF BUILDING CLOSEST TO THE NEAREST TRANSFORMER.	
SHEET A4.01 - UNIT S1 SHEET A4.02 - UNIT A1 SHEET A4.03 - UNIT A1.1 SHEET A4.04 - UNIT A2 SHEET A4.05 - UNIT A3 SHEET A4.06 - UNIT A4 SHEET A4.07 - UNIT B1 SHEET A4.08 - UNIT B1.1	D. REFER TO SHEET A4.61 THROUGH A4.66 FOR ENLARGED CLUBHOUSE PLANS	H. ALL TENANT WALLS BETWEEN UNITS TO BE 1-HOUR RATED IN ACCORDANCE WITH UL #U341 ALL TENANT WALLS BETWEEN UNITS TO BE 1-HOUR RATED IN ACCORDANCE WITH UL #U341	K. REFER TO SHEETS A8.11 THRU A8.32 FOR ADDITIONAL INFORMATION ON WALL FIRE RATED ASSEMBLIES.	O. BUILDINGS ARE TO BE FULLY SPRINKLED WITH AN NFPA 13R FIRE SUPPRESSION SYSTEM.	

Veronica Rivas, December 30, 2015 P:\3740 - ALEXANDER AT SABAL POINT\DRAWINGS\1-APARTMENT\00-CURRENT\3740\_A181

- Hip 5:12 Slope\_Mail Kiosk 102.1 FT
- Ridge\_Mail Kiosk 2.3 FT
- Eave\_Mail Kiosk 147.6 FT
- Roof Shingles 5:12\_Mail Kiosk 1010.5 SQ FT
- Headwall\_Mail Kiosk 8.0 FT
- Headwall 5:12\_Mail Kiosk 8.9 FT



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**MAIL KIOSK**  
FLOOR PLANS &  
ROOF PLAN

date: **12-29-2015**  
 job no: **3740.A18**  
 drawn by: **TAB/AIH**  
 reviewed by: **CBA**  
 file: **3740 A181**  
 issue history:

**A1.81**

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