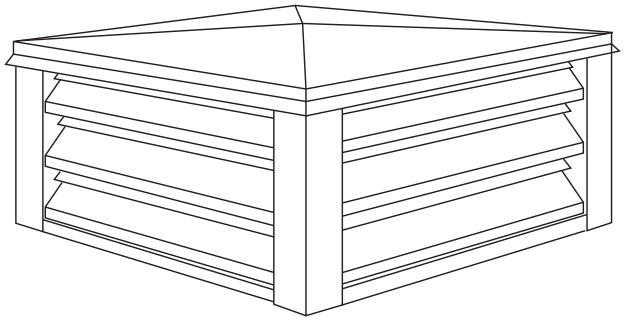
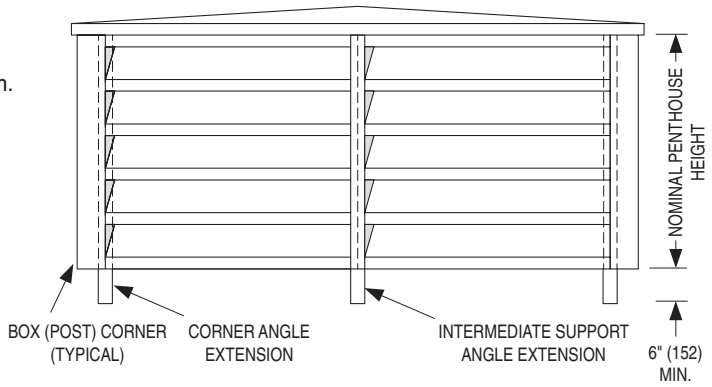
EXTRUDED ALUMINUM LOUVERED PENTHOUSES
BOX (POST) CORNERS
MODEL: 1600PHB

Nailor Industries Inc.

Nailor Model 1600PHB Extruded Aluminum Box Corner Penthouses offer an aesthetically appealing option of concealing mechanical rooftop equipment or protecting air intake/relief openings from outside elements. A variety of finishes, construction options and accessories are available to meet almost any requirement.





FRONT ELEVATION VIEW

STANDARD CONSTRUCTION:

BLADES: Type 6063-T5 extruded aluminum, .080" (2.03) nominal wall thickness, see note 1 below.

BLADE SUPPORT ANGLES: 1 1/2" x 2" (38 x 51) on max. 60" (1524) centers.

ROOF: Alum. sheet .080" (2.03) nom. wall thickness.

ROOF SUPPORT ANGLES: 1 1/2" x 2" x 1/4" (38 x 51 x 6) (as required by size of unit).

BIRD SCREEN: 3/4" x .051 (19 x 1.3) expanded, flattened alum. bird screen.

OPTIONS:

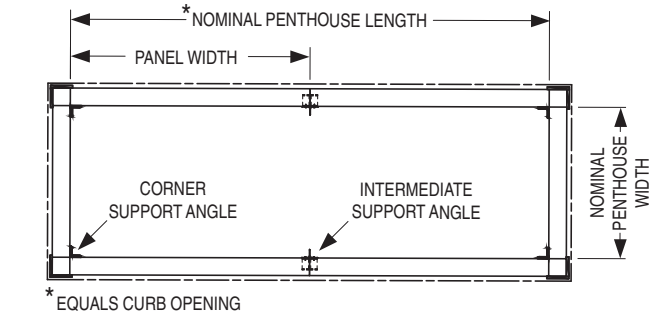
- ❑ **BSSS** Type 304 S.S. Bird Screen.
- ❑ **BSN** No Bird Screen.
- ❑ **ISA** Aluminum Insect Screen.
- ❑ **ISSS** Type 304 S.S. Insect Screen.
- ❑ **IR1** 1" (25) Fiberglass Roof Insulation.
- ❑ **BIT** Bitumastic Roof Undercoating.
- ❑ Other: _____ .

OPTIONAL FINISHES:

- ❑ **PC3** Powder Coat AAMA 2603. Color: _____ .
- ❑ **PC4** High Performance Powder Coat AAMA 2604 (Equivalent to 50% Kynar®). Color: _____ .
- ❑ **PC5** Fluoropolymer Powder Coat AAMA 2605 (Equivalent to 70% Kynar®). Color: _____ .
- ❑ **PCC** Prime Coat.
- ❑ **AN04** Clear Anodized 204-R1.
- ❑ **AN15** Clear Anodized 215-R1.

Color Anodized:

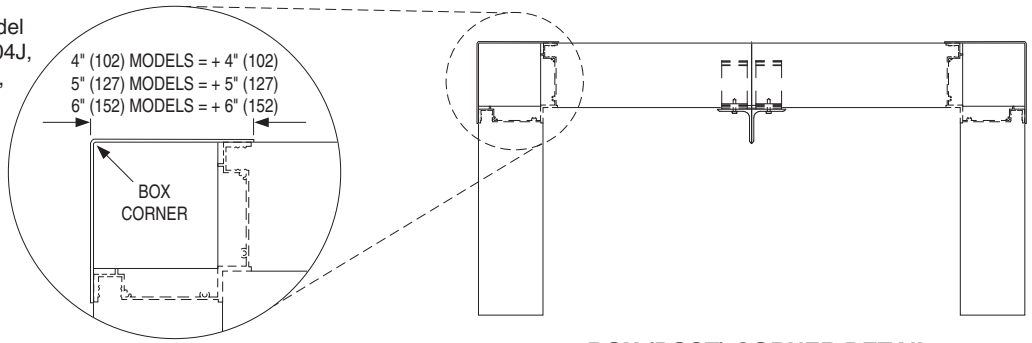
- ❑ **ANLB** Light Bronze.
- ❑ **ANMB** Medium Bronze.
- ❑ **ANDB** Dark Bronze.
- ❑ **ANBK** Black.



PLAN VIEW

NOTE:

1. The following louver model styles may be used: 1604J, 1604Y, 1604KD, 1604D, 1604DD, 1604DHP, 1605WD, 1606WD, 1606J, 1606KD, 1606D, 1606DHP and 1606DD.



BOX (POST) CORNER DETAIL

Dimensions are in inches (mm).

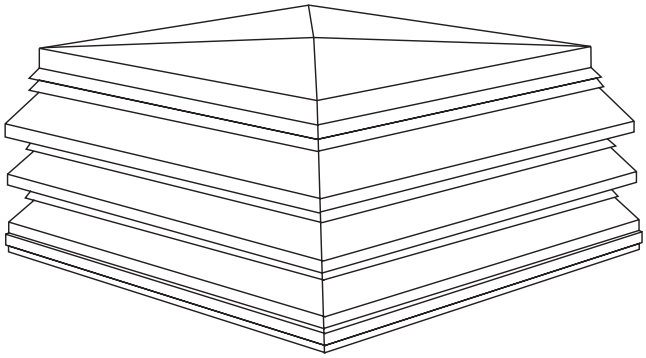
SCHEDULE TYPE:				
PROJECT:				
ENGINEER:	**DATE**	**B SERIES**	**SUPERSEDES**	**DRAWING NO.**
CONTRACTOR:	**10 - 19 - 15**	**1600**	**5 - 11 - 15**	**1600PHB**

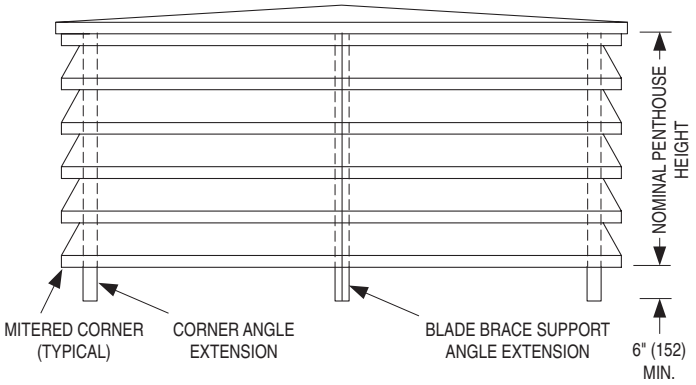
Nailor Industries Inc. reserves the right to change any information concerning product or pricing without notice.

EXTRUDED ALUMINUM LOUVERED PENTHOUSES
MITERED CORNERS
MODEL: 1600PHM

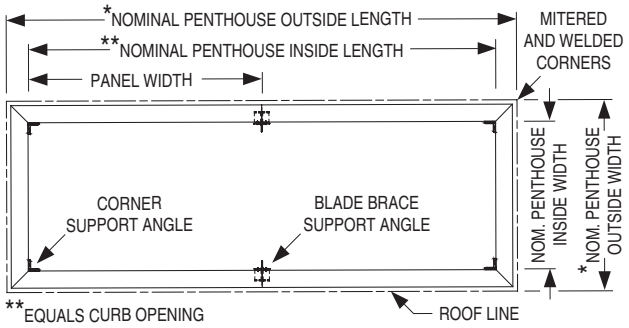
Nailor Industries Inc.

Nailor Model 1600PHM Extruded Aluminum Mitered Corner Penthouses offer an aesthetically appealing option of concealing mechanical rooftop equipment or protecting air intake/relief openings from outside elements. A variety of finishes, construction options and accessories are available to meet almost any requirement.

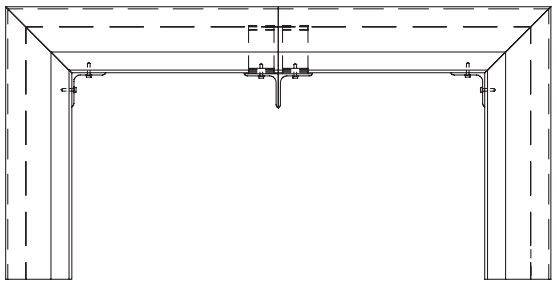




FRONT ELEVATION VIEW



PLAN VIEW



MITERED CORNER DETAIL

STANDARD CONSTRUCTION:

BLADES: Type 6063-T5 extruded aluminum, .080" (2.03) nominal wall thickness, see note 1 below.

BLADE SUPPORT ANGLES: 1 1/2" x 2" (38 x 51) on max. 60" (1524) centers.

ROOF: Aluminum sheet .080" (2.03) nominal wall thickness.

ROOF SUPPORT ANGLES: 1 1/2" x 2" x 1/4" (38 x 51 x 6) (as required by size of unit).

BIRD SCREEN: 3/4" x .051 (19 x 1.3) expanded, flattened aluminum bird screen.

OPTIONS:

- ❑ **BSSS** Type 304 S.S. Bird Screen.
- ❑ **BSN** No Bird Screen.
- ❑ **ISA** Aluminum Insect Screen.
- ❑ **ISSS** Type 304 S.S. Insect Screen.
- ❑ **IR1** 1" (25) Fiberglass Roof Insulation.
- ❑ **BIT** Bitumastic Roof Undercoating.
- ❑ Other: _____ .

OPTIONAL FINISHES:

- ❑ **PC3** Powder Coat AAMA 2603. Color: _____ .
- ❑ **PC4** High Performance Powder Coat AAMA 2604 (Equivalent to 50% Kynar®). Color: _____ .
- ❑ **PC5** Fluoropolymer Powder Coat AAMA 2605 (Equivalent to 70% Kynar®). Color: _____ .
- ❑ **PCC** Prime Coat.
- ❑ **AN04** Clear Anodized 204-R1.
- ❑ **AN15** Clear Anodized 215-R1.

Color Anodized:

- ❑ **ANLB** Light Bronze.
- ❑ **ANMB** Medium Bronze.
- ❑ **ANDB** Dark Bronze.
- ❑ **ANBK** Black.

NOTES:

1. The following louver model styles may be used: 1604J, 1604Y, 1604KD, 1606J and 1606KD.
2. Models 1604KD and 1606KD utilize architectural K blades only and are not drainable.

***4" (102) DEEP LOUVER:**

Outside Length/Width = Inside Length/Width + 8" (203).

***6" (152) DEEP LOUVER:**

Outside Length/Width = Inside Length/Width + 12" (305).

Dimensions are in inches (mm)

SCHEDULE TYPE:				
PROJECT:				
ENGINEER:	**DATE**	**B SERIES**	**SUPERSEDES**	**DRAWING NO.**
CONTRACTOR:	**2 - 19 - 19**	**1600**	**5 - 11 - 15**	**1600PHM**

Nailor Industries Inc. reserves the right to change any information concerning product or pricing without notice.

Nailor® Louver Finishes & Color Guide


Slate Blue **LF01**


Medium Bronze **LF02**


Sandstone **LF03**


Light Gray **LF04**


Charcoal **LF05**


Bone White **LF06**


Western Tan **LF07**


Architectural Bronze **LF08**


Regal Blue **LF09**


Forest Green **LF10**


Surrey Beige **LF11**


Royal Brown **LF12**


Barn Red **LF13**


Burgundy **LF14**


Clay **LF15**

Almond **LF16**


Coastal White **LF17**


Vista Green **LF18**


Black **LF19**


Gloss Black **LF20**


Campus Green **LF21**

Nailor offers 21 standard paint colors selected for architectural exterior use which meet or exceed AAMA specifications and performance requirements for color retention, chalk resistance, gloss retention, erosion, corrosion and chemical resistance as well as dry film thickness and hardness. Our state-of-the-art powder coat system provides an environment friendly finishing solution with more uniform coverage and coating thickness. The result is an exceptional finish that better resists scratching, fading and general wear. Additional liquid coat facilities for special requirements complete our ability to provide unmatched beauty and durability for any application.

Custom color matching is also available upon request. Contact your local Nailor representative.

Available Finishes

FINISH TYPE	DESCRIPTION	STANDARD WARRANTY
Fluoropolymer Powder Coat AAMA 2605-Superior Finish (AKA: Powdura® 5000, Coraflon® Powder, Interpon® D3000-Fluoromax, IFS 500FP)	**"Ultimate"** - A next generation hyper durable powder coating, based on FEVE fluoropolymer resins and ceramic pigmentation that the industry has acknowledged as the foundation for superior performance coatings. They provide a hard surface that is resistant to scratching and scuffing, with superior color and gloss retention, when applied to a variety of exterior architectural applications. This technology represents the "ultimate" in environmentally friendly finishes, with Zero-VOC emissions. A superior alternative to traditional 70% Kynar 500® / Hylar 500® PVDF fluoropolymer liquid coatings.	10 years (20 years optional)
High Performance Powder Coat AAMA 2604 - High Performance Finish (AKA: Powdura® 4000, Envirocron® Ultra Durable Powder, Dynadure™ 400, Interpon® D2000, IFS 400SD)	**"Better"** - A high performance polyester powder coating, based on "super durable" resins that utilize infrared reflective pigments, which provides excellent resistance to outdoor weathering. A harder and more environmentally friendly coating than other liquid paint counterparts and with Zero-VOC emissions. A good alternative to 50% Kynar 500® / Hylar 5000® liquid coatings.	5 years
Durable Powder Coat AAMA 2603 - Pigmented Organic Coatings (AKA: Powdura® 3000, Envirocron® Durable Powder, Dynadure™ 300, Interpon® D1000, IFS 300SP)	**"Good"** - A durable powder coat based on thermosetting polyester resin technology. Provides a good economical combination of physical and chemical resistance properties. Environmentally superior to liquid spray paints and Zero – VOC emissions.	1 year
Clear Anodize 215-R1 AA-M10C22A41 (0.7 mil. min.)	Architectural Class I. Clear, colorless and hard oxide aluminum coating that resists weathering and chemical attack. Recommended for severely corrosive and abrasive atmospheric exposure.	5 years
Clear Anodize 204-R1 AA-M10C22A31 (0.4 - 0.7 mil.)	Architectural Class II. Clear, colorless and hard oxide aluminum coating that resists weathering and chemical attack. Recommended for normal weather exposure.	1 year
Color Anodize AA-M10C22A44 (0.7 mil. min.)	Architectural Class I. "Two-step" aluminum coating process. Following a standard anodizing procedure, a second electrolytic process deposits colored metallic pigments which penetrate the aluminum oxide pores, producing a corrosion resistant, colorfast finish. Available in light, medium, dark bronze and black.	5 years
Prime Coat	Prime coat provides a stable base for painting of louvers in the field. Surface pretreatment includes degreasing and a chemical cleaning before an epoxy prime coat is applied. Finish coat should be field applied as soon as possible for best adhesion, after a thorough cleaning for dust etc. that can contaminate the final finish and cause premature flaking or peeling.	N/A

Paint finish warranties are not applicable to steel products.

Powdura® is a registered trademark of The Sherwin-Williams Company.
Coraflon® and Envirocron® are registered trademarks of PPG Industries Ohio, Inc.
Interpon® is a registered trademark of Akzo Nobel Powder Coatings Ltd.
Kynar 500® is a registered trademark of Arkema, Inc.
Hylar 5000® is a registered trademark of Solvay Solexis, Inc.