



BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 372-6339

**NOTICE OF ACCEPTANCE (NOA)**

[www.miamidade.gov/buldingcode](http://www.miamidade.gov/buldingcode)

The Airolite Company, LLC.  
27855 State Route 7  
Marietta, OH 45750

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION: Model K6746PD Aluminum Penthouse Louver**

**APPROVAL DOCUMENT:** Drawing No. **K6746PD**, titled "K6746PD, Isometric Views, Plan View, Details, Optional Hood and Curb, Elevation and Itemized Parts Listing", sheets 1 through 11 of 11, dated 04/03/08, prepared by Rice Engineering, signed and sealed by L. David Rice, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and Approval date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING: Large and Small Missile Impact Resistant**

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA consists of this page 1 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



*Utrera*  
5/27/08

NOA No 08-0501.02  
Expiration Date: June 19, 2013  
Approval Date: June 19, 2008  
Page 1

**Greenheck Fan Corporation**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **K6746PD**, titled "K6746PD, Isometric Views, Plan View, Details, Optional Hood and Curb, Elevation and Itemized Parts Listing", sheets 1 through 11 of 11, dated 04/03/08, prepared by Rice Engineering, signed and sealed by L. David Rice, P.E.

**B. TESTS**

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
4) Tensile testing per ASTM E8-03  
5) Indentation hardness per ASTM B647-84(2006)  
along with marked-up drawings and installation diagram of Series/Model EHH-601PD / ESD-635PD combination, severe duty louvered enclosure, prepared by Architectural Testing, Inc., Test Report No. **77229.01-602-18**, dated 03/20/08, signed and sealed by Joseph A. Reed, P.E.

**C. CALCULATIONS**

1. Structural calculations prepared by Rice Engineering, dated 04/09/08, signed and sealed by L. David Rice, P.E.

**D. QUALITY ASSURANCE**

1. Miami Dade Building Code Compliance Office (BCCO).

**E. MATERIAL CERTIFICATIONS**

1. None.

**F. STATEMENTS**

1. Statement letter of code conformance issued by Rice Engineering, dated 04/09/08, signed and sealed by L. David Rice, P.E.
2. Statement letter of no financial interest issued by Rice Engineering, dated 04/09/08, signed and sealed by L. David Rice, P.E.
3. Statement letter of code conformance issued by Architectural Testing, Inc., dated 03/20/08, signed and sealed by Joseph A. Reed, P.E.

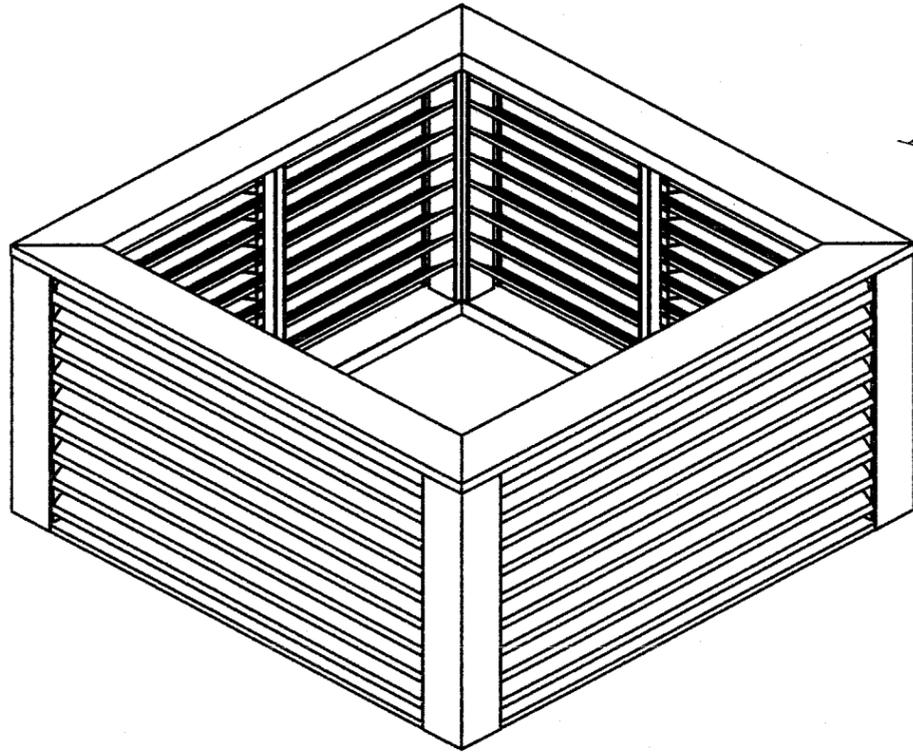


Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No 08-0501.02

Expiration Date: June 19, 2013

Approval Date: June 19, 2008

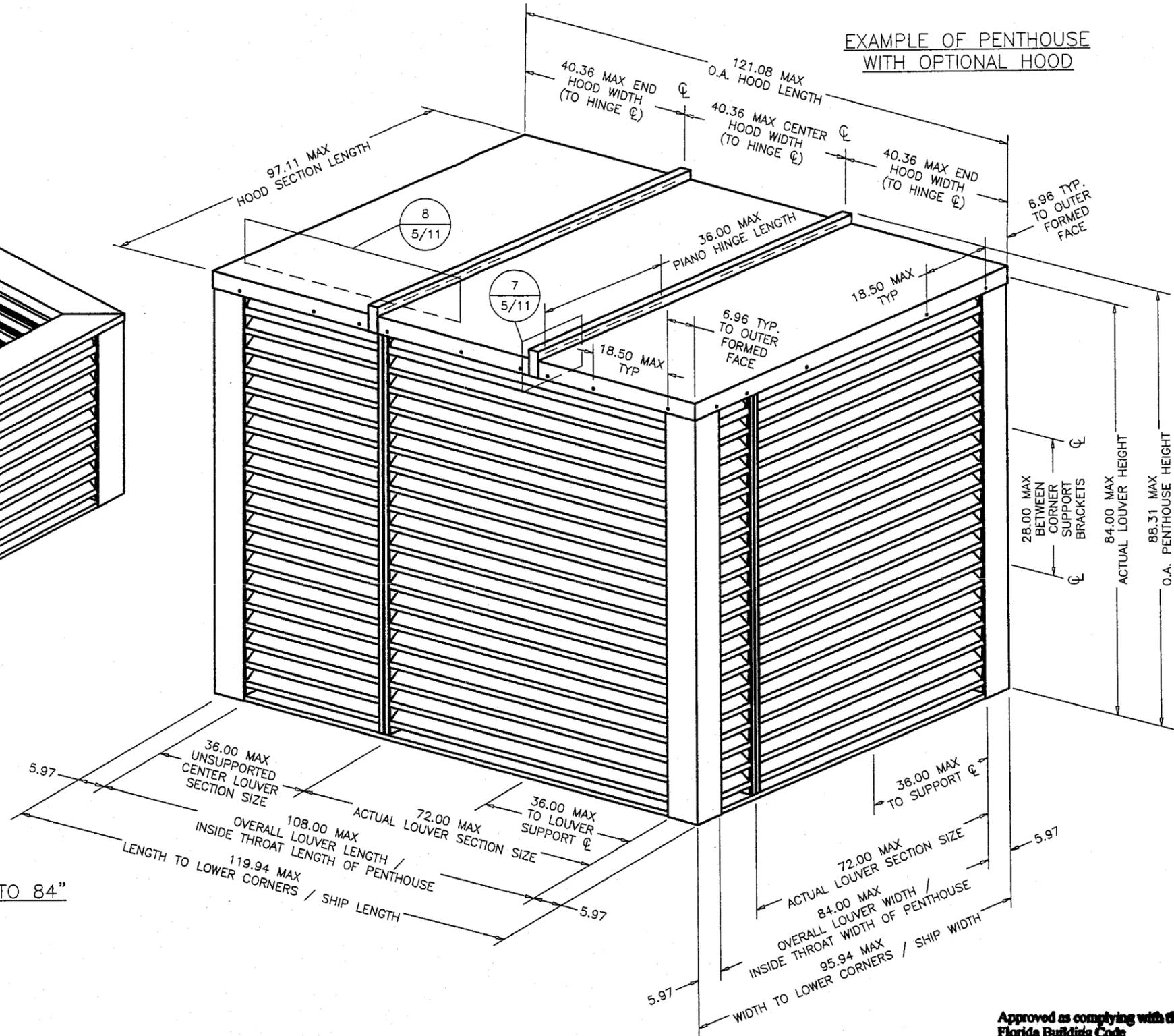
EXAMPLE OF PENTHOUSE WITHOUT OPTIONAL HOOD



STANDARD/OVERALL/MAX DIMENSIONS & SECTIONS ARE SAME FOR PENTHOUSES WITH AND WITHOUT OPTIONAL HOOD.

LOUVER HEIGHTS AVAILABLE UP TO 84"

EXAMPLE OF PENTHOUSE WITH OPTIONAL HOOD



DRAWN BY	M STEELE	DATE	4/3/08
SCALE	1:24	SHEET NO.	1 OF 11
TITLE		CAD DRAWING NO.	
K6746PD		K6746PD	

**AIRROLITE**  
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SCHOFIELD, WISCONSIN 54476  
715-359-6171

L. DAVID RICE

APR 16 2008

**RICE**  
ENGINEERING

105 School Creek Trail  
Luxemburg, WI 54217  
Phone: 920.845.1042  
Fax: 920.845.1048  
www.rice-inc.com

Florida Firm No: F-0100005061  
Certificate of Authorization: #9090  
L. David Rice  
Registration No: 50923

Approved as complying with the  
Florida Building Code  
Date 06/19/08  
NOA# 28-01-02  
Miami Dade Product Control  
Division  
By *[Signature]*

ISOMETRIC VIEWS

O.A. LOUVER WIDTH / 2  
(LOUVER SECTION SIZE)

LOUVER SECTION SIZE / 2  
(TO SUPPORT)  
TYP. ALL SECTIONS

ϕ

O.A. LOUVER LENGTH / 2  
(LOUVER SECTION SIZE)

O.A. LOUVER LENGTH / 2  
(LOUVER SECTION SIZE)

TYP: ANGLE MAY BE ON  
EITHER SIDE OF ITEM 5A/6A

FOR LOUVER HEIGHTS UP TO 84"

TYPICAL AS-MANUFACTURED LOUVER  
SECTIONING FOR ALL LOUVER HEIGHTS  
& CONSTRUCTION TYPES

1  
3/11

2  
3/11

6  
4/11

3  
4/11

4  
4/11

5  
4/11

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TITLE  
K6746PD

DRAWN BY  
M STEELE

DATE  
4/3/08

SCALE  
1:12

SHEET NO.

2 OF 11

CAD DRAWING NO.

K6746PD

PLAN VIEW - X-SECTIONAL

L. DAVID RICE

APR 16 2008

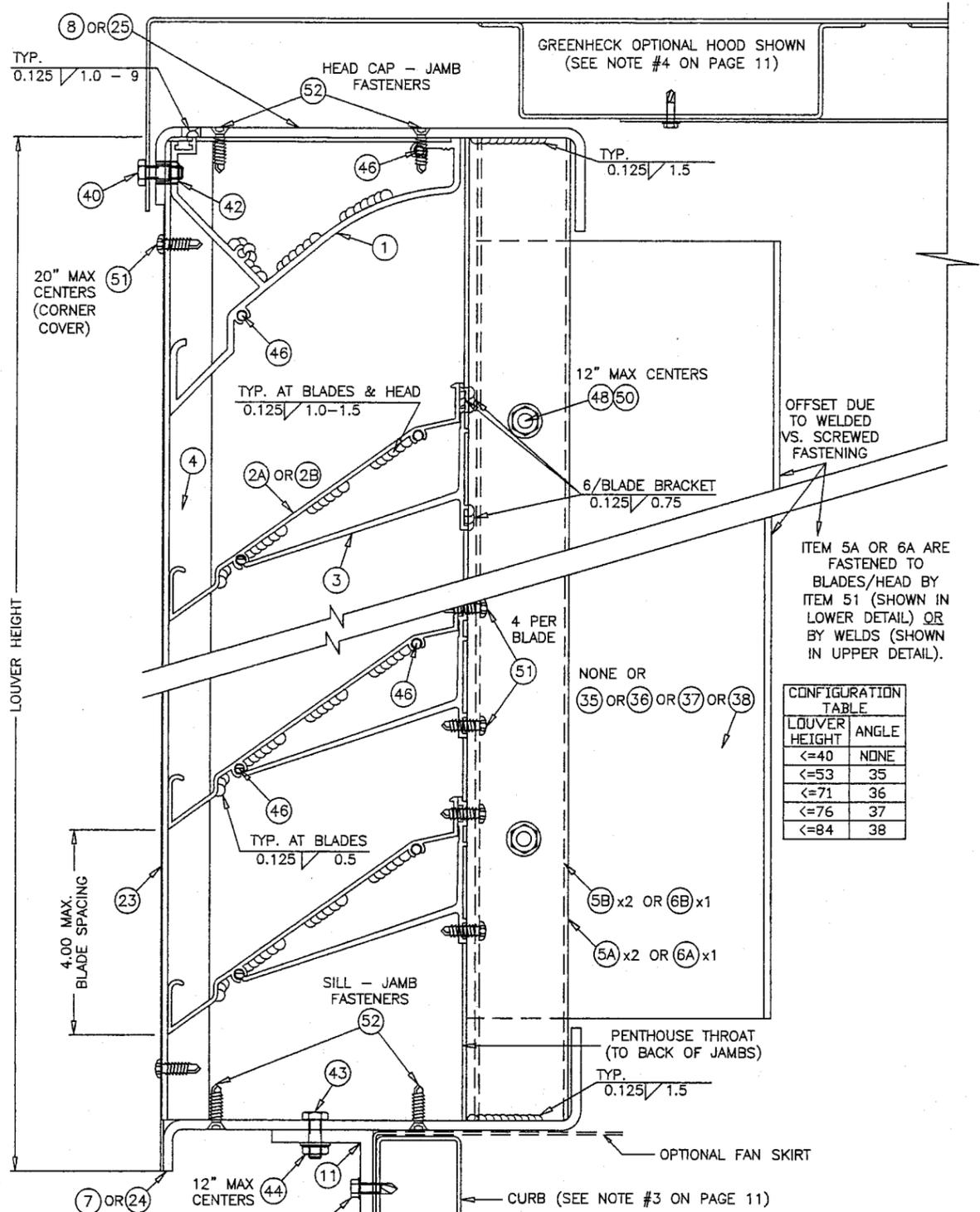
**RICE**  
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105 School Creek Trail  
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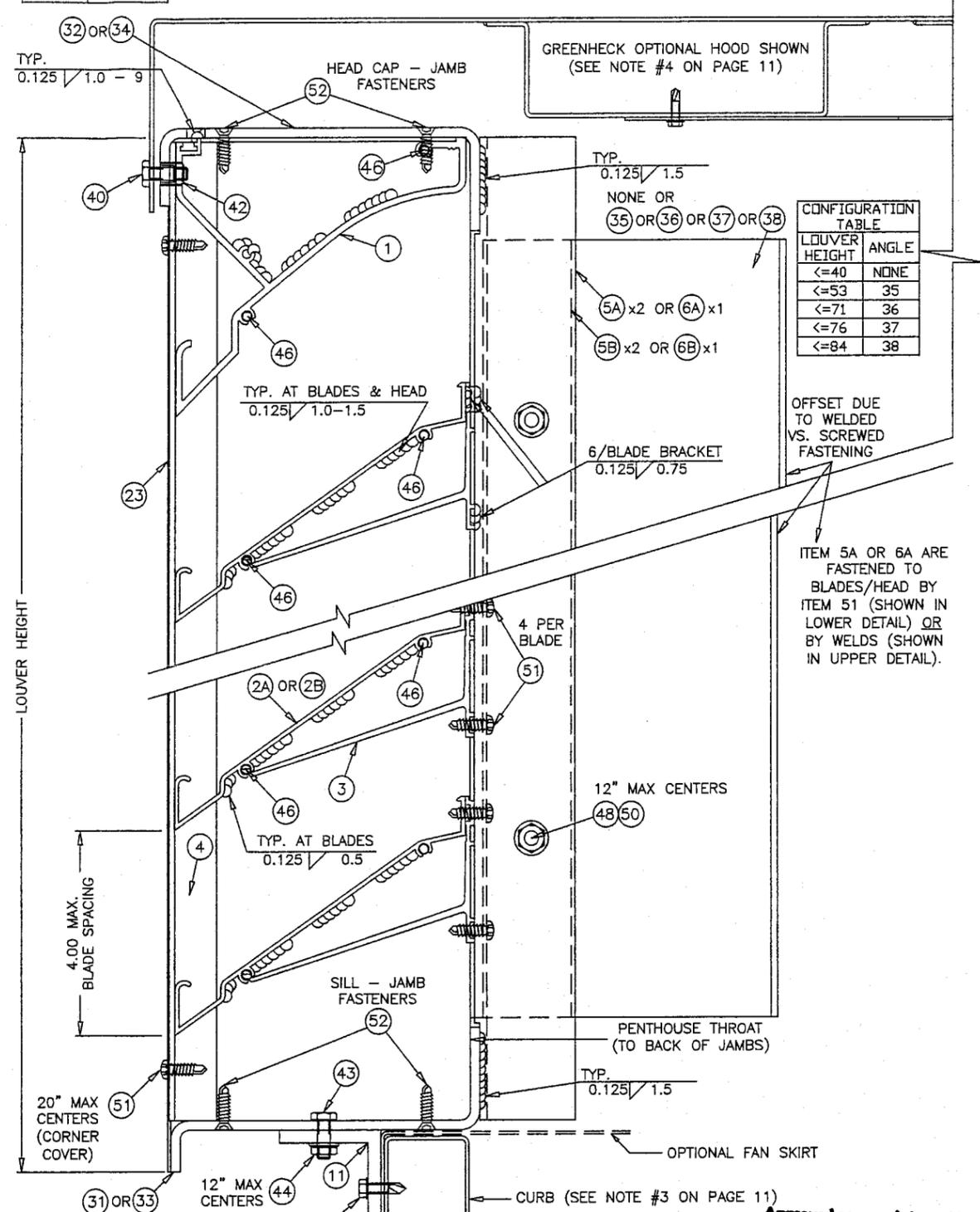
CONFIGURATION TABLE	
LOUVER HEIGHT	HEAD CAP
<=81	8
<=84	25

1A DEEP HEAD DETAIL  
3/11 SCALE: 1:3



CONFIGURATION TABLE	
LOUVER HEIGHT	HEAD CAP
<=52	32
<=68	34

1B SHALLOW HEAD DETAIL  
3/11 SCALE: 1:3



CONFIGURATION TABLE	
LOUVER HEIGHT	SILL
<=67	7
<=84	24

2A DEEP SILL DETAIL  
3/11 SCALE: 1:3

CONFIGURATION TABLE	
LOUVER HEIGHT	SILL
<=41	31
<=54	33

2B SHALLOW SILL DETAIL  
3/11 SCALE: 1:3

CONFIGURATION TABLE	
LOUVER HEIGHT	ANGLE
<=40	NONE
<=53	35
<=71	36
<=76	37
<=84	38

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Date 06/19/08  
NOA 08-0501-02  
Miami Dade Product Control  
By [Signature]

DATE 4/3/08  
DRAWN BY M STEELE  
SCALE 1:3  
SHEET NO. 3 OF 11  
CAD DRAWING NO. K6746PD

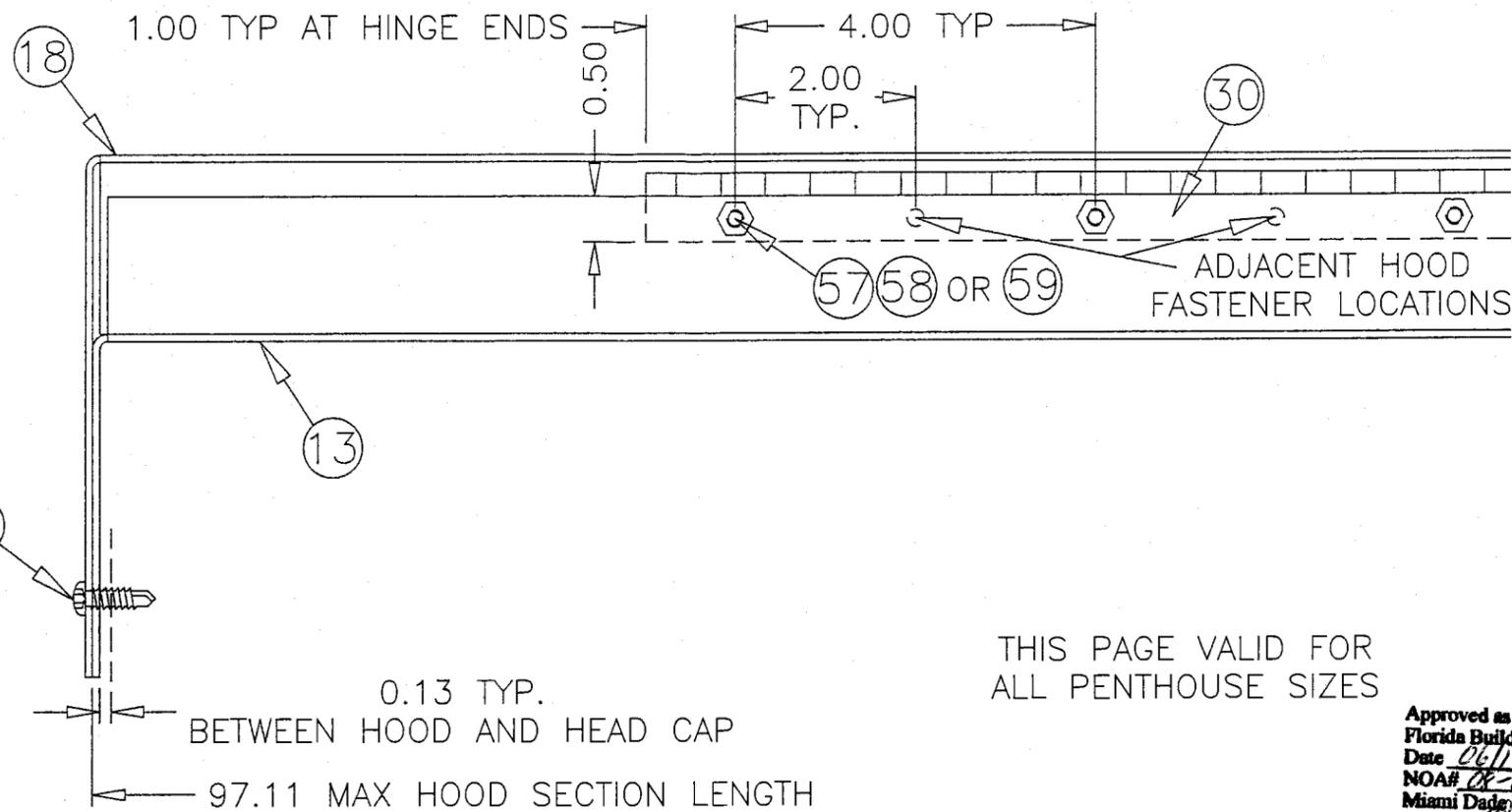
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SCHOFIELD, WISCONSIN 54476  
715-359-6171  
TITLE K6746PD  
DETAILS - HEADS & SILLS

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APR 16 2008

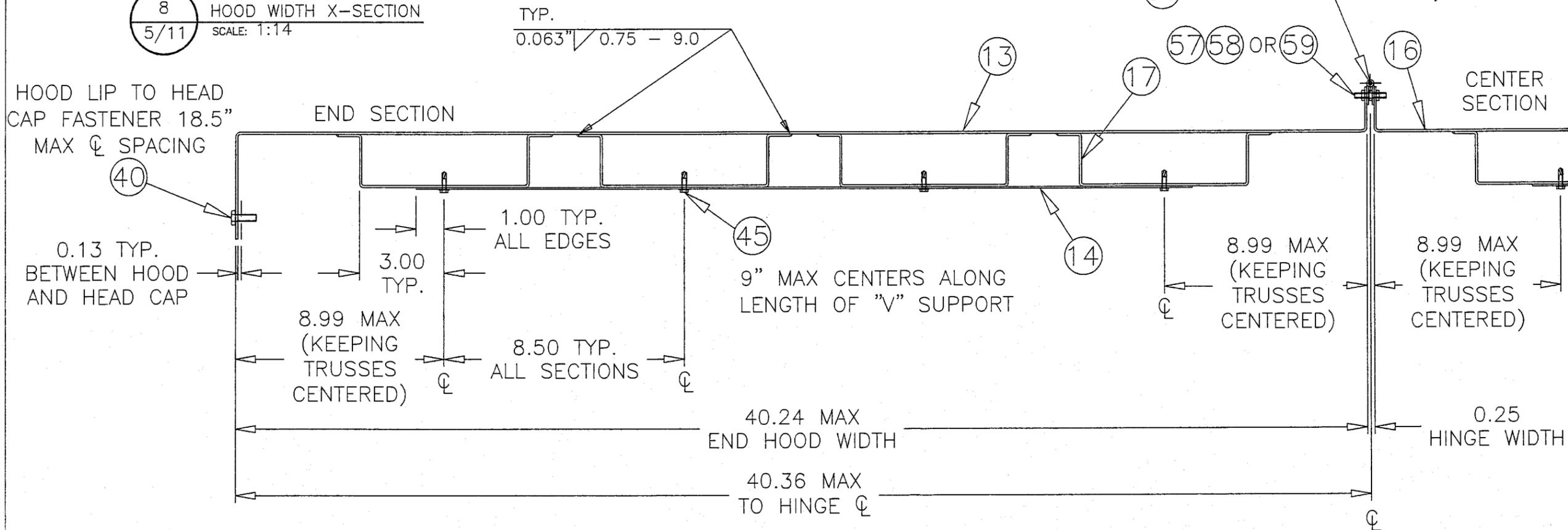
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7 HOOD LENGTH X-SECTION  
5/11 SCALE: 1:7



8 HOOD WIDTH X-SECTION  
5/11 SCALE: 1:14



THIS PAGE VALID FOR ALL PENTHOUSE SIZES

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Date 06/19/08  
NOA# 08-001-07  
Miami Dade Product Control Division  
By [Signature]

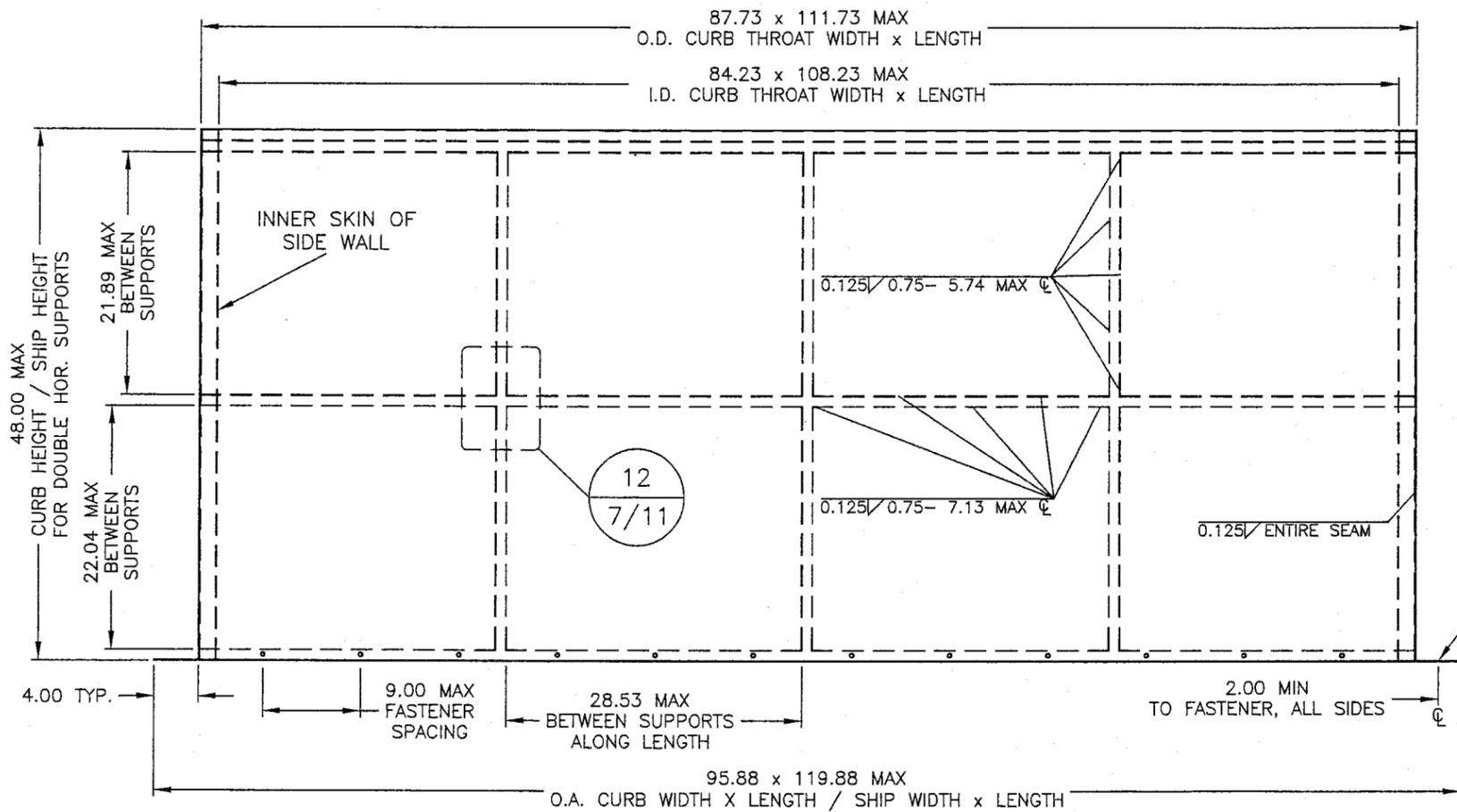
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DRAWN BY	M STEELE	DATE	4/3/08
SCALE	VARIES		
SHEET NO.	5 OF 11		
CAD DRAWING NO.	K6746PD		

TITLE  
OPTIONAL HOOD  
DETAILS - HOOD

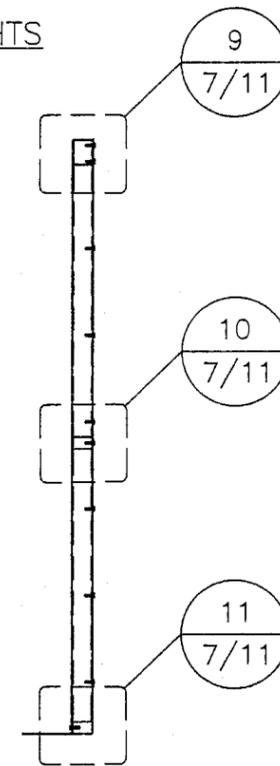
L. DAVID RICE  
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Certificate of Authorization: #9090  
L. David Rice  
Registration No: 50923



FOR CURB HEIGHTS  
UP TO 48"

- ⑥0 12" O.C. MAX
- OR
- ⑥1 4.5" O.C. MAX
- OR
- ⑥2 8" O.C. MAX



VERTICAL  
CROSS SECTION

DRAWN BY M STEELE	DATE 4/3/08
SCALE 1:12	
SHEET NO. 6 OF 11	
CAD DRAWING NO. K6746PD	

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TITLE  
OPTIONAL CURB  
ELEVATION - LENGTH & WIDTH

L. DAVID RICE

APR 16 2008

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NOAH 08-0501-02  
Miami Dade Product Control  
Division  
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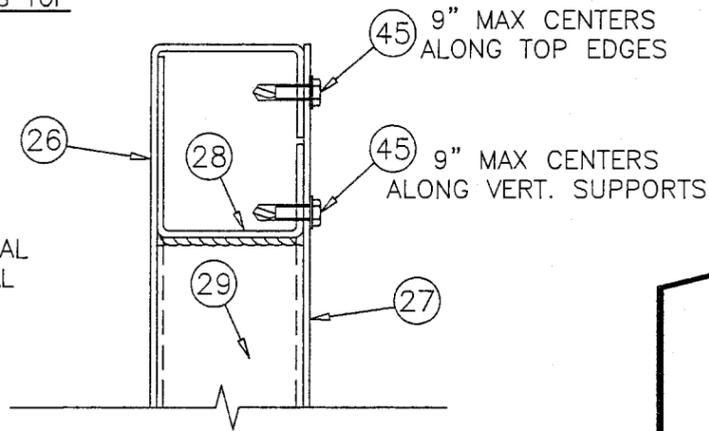
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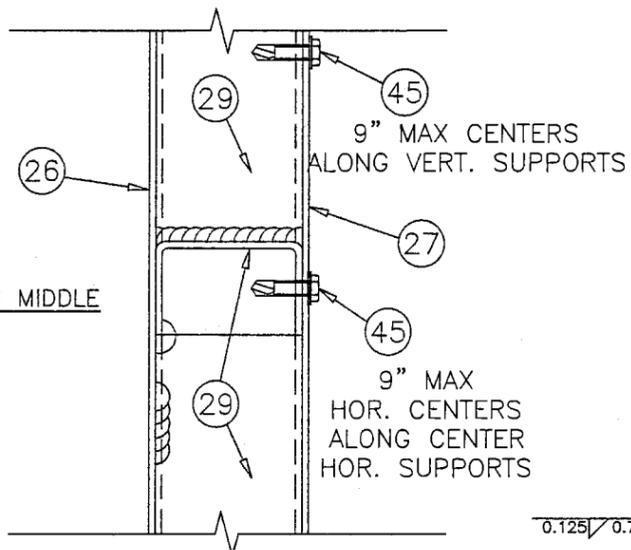
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L. David Rice  
Registration No: 50923

9 CURB DETAILS TOP  
7/11 SCALE: 1:2

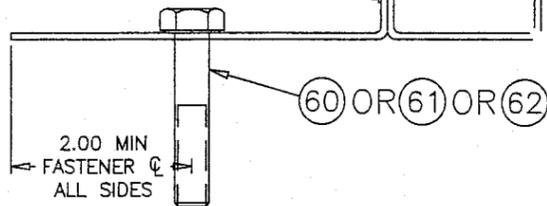
HOR. = HORIZONTAL  
VERT. = VERTICAL



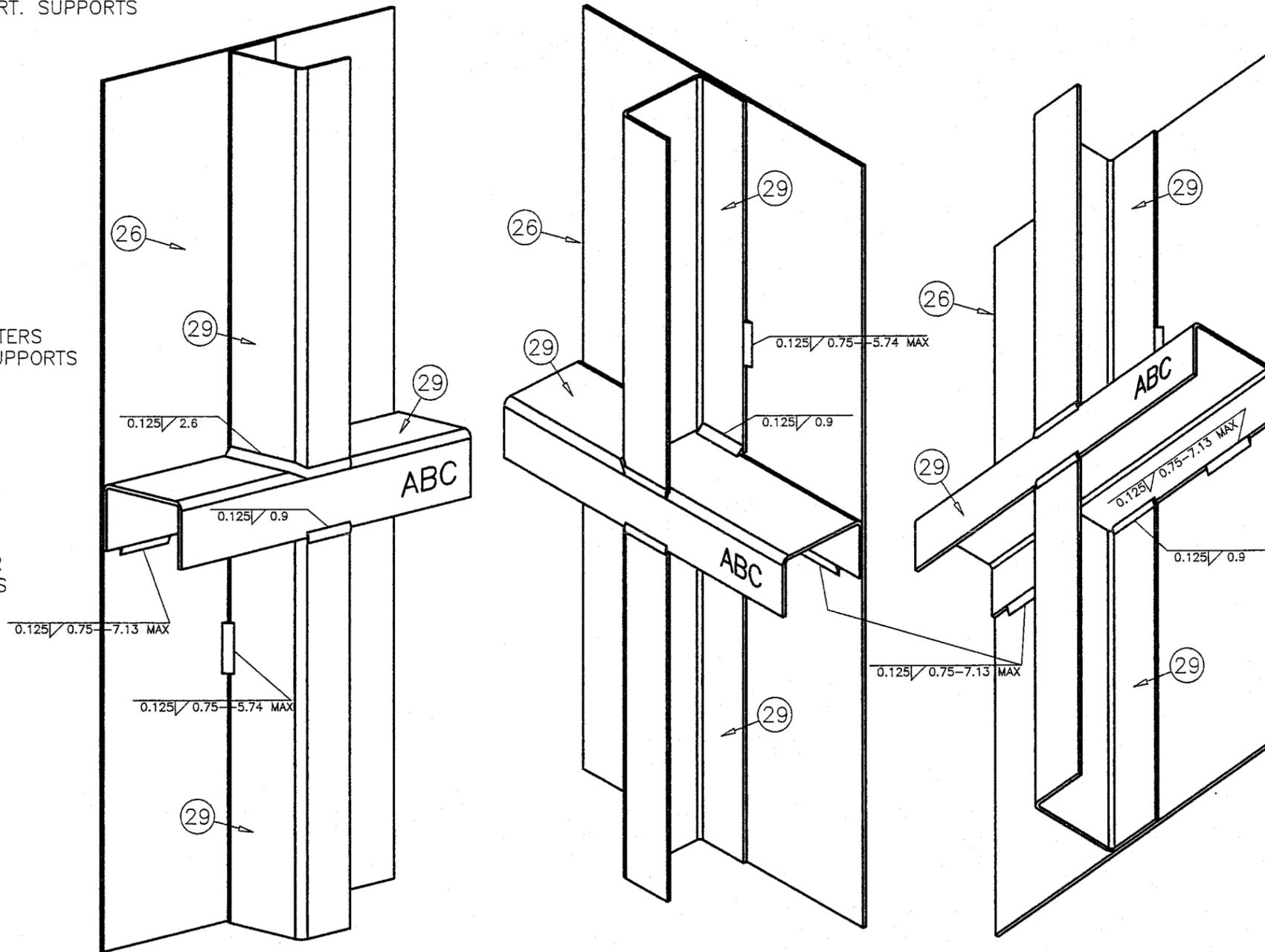
10 CURB DETAILS MIDDLE  
7/11 SCALE: 1:2



15" MAX HOR. CENTERS  
ALONG CURB LENGTH, 45  
10" MAX HOR. CENTERS  
ALONG CURB WIDTH



11 CURB DETAILS BOTTOM  
7/11 SCALE: 1:2



12 TYP. CURB WELD DETAILS  
7/11 SCALE: 1:2

VIEW FROM INTERIOR,  
INNER CURB SKIN REMOVED

FOR CURB HEIGHTS UP TO 48"

DRAWN BY M STEELE	DATE 4/3/08
SCALE 1:2	SHEET NO. 7 OF 11
CAD DRAWING NO. K6746PD	

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TITLE  
OPTIONAL CURB  
DETAILS - CURB

L. DAVID RICE

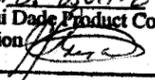


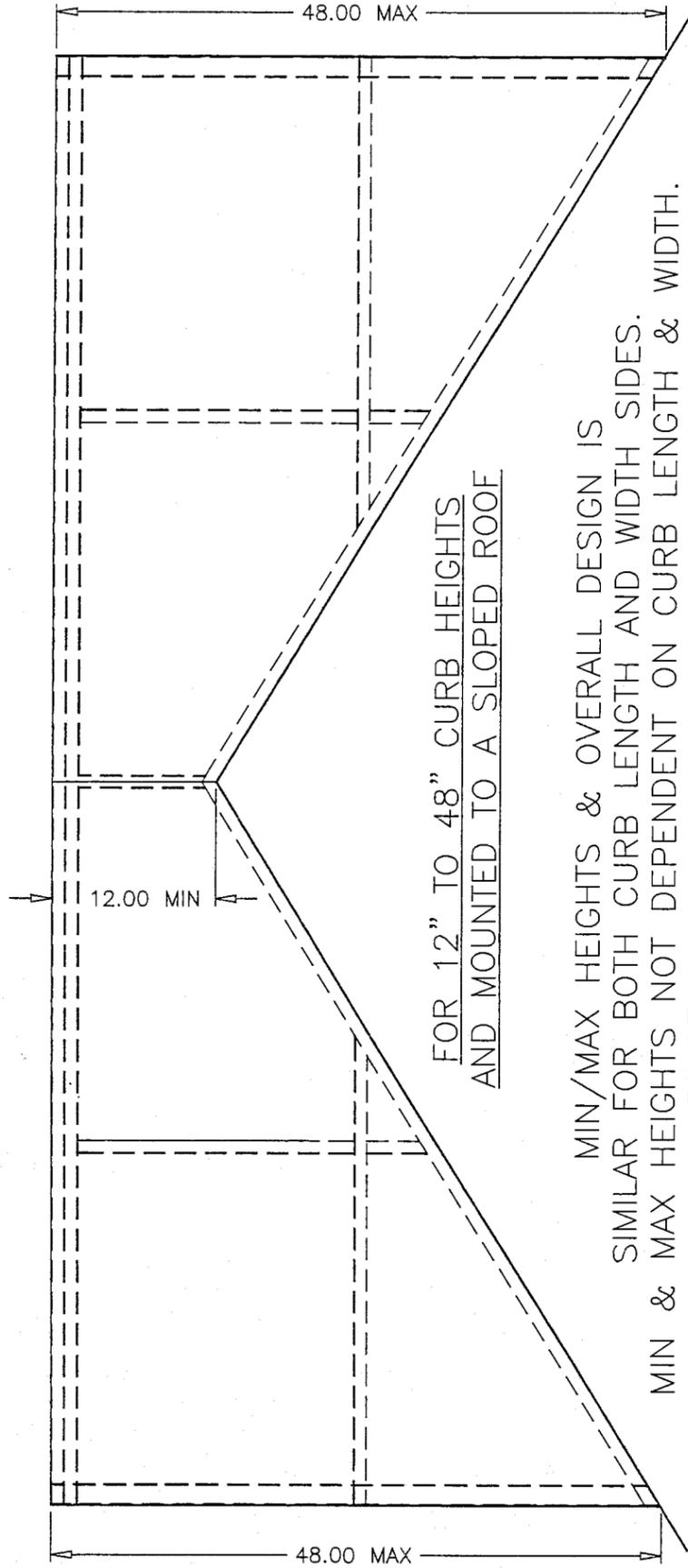
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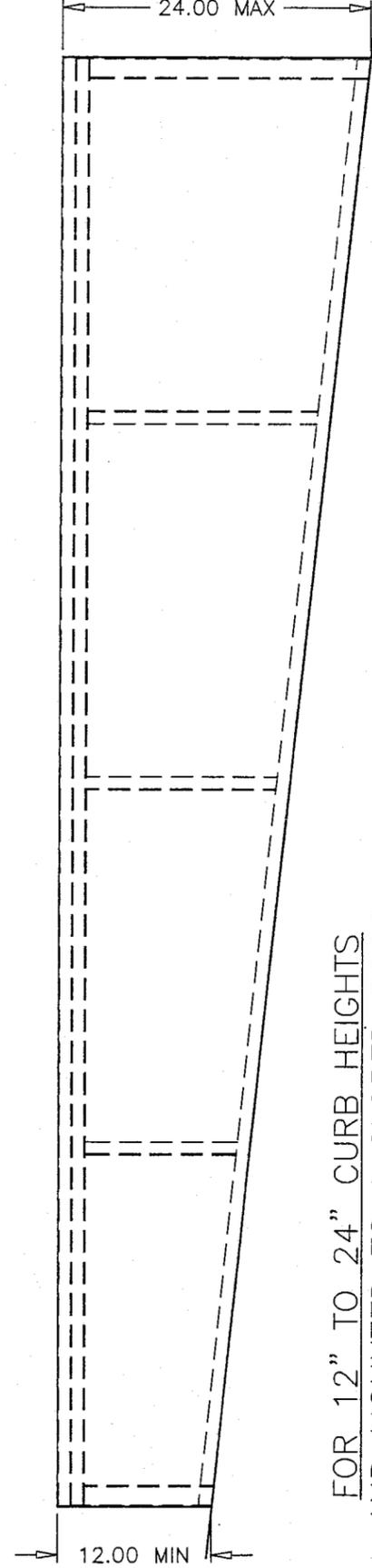
Florida Firm No: F-01000005061  
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NOA# 08-0501-02  
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Division  
By 



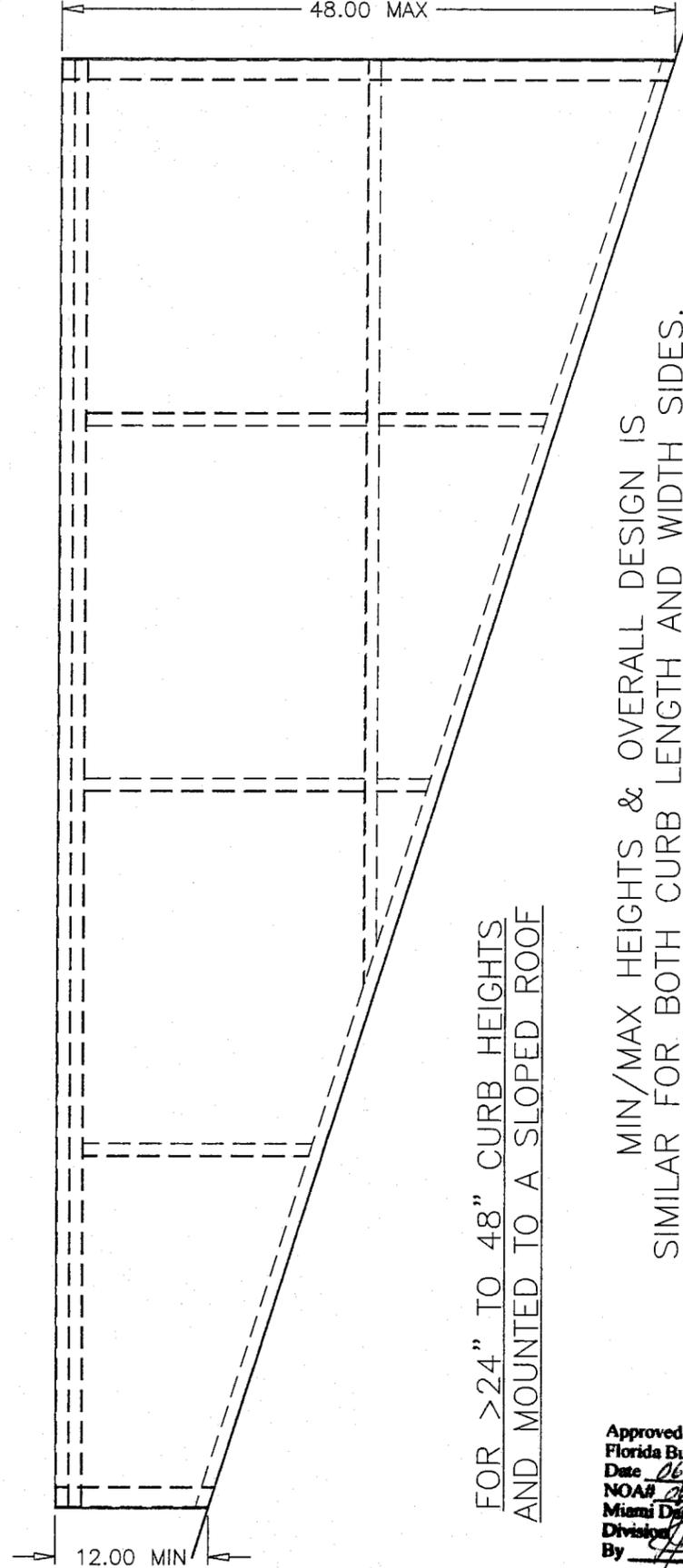
FOR 12" TO 48" CURB HEIGHTS  
AND MOUNTED TO A SLOPED ROOF

MIN/MAX HEIGHTS & OVERALL DESIGN IS  
SIMILAR FOR BOTH CURB LENGTH AND WIDTH SIDES.  
MIN & MAX HEIGHTS NOT DEPENDENT ON CURB LENGTH & WIDTH.  
RIDGE POINT MAY BE OFF CENTER.



FOR 12" TO 24" CURB HEIGHTS  
AND MOUNTED TO A SLOPED ROOF

MIN/MAX HEIGHTS & OVERALL DESIGN IS  
SIMILAR FOR BOTH CURB LENGTH AND WIDTH SIDES.  
MIN & MAX HEIGHTS NOT DEPENDENT ON CURB LENGTH & WIDTH.

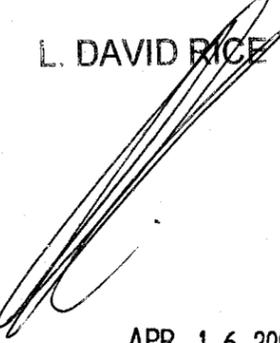


FOR >24" TO 48" CURB HEIGHTS  
AND MOUNTED TO A SLOPED ROOF

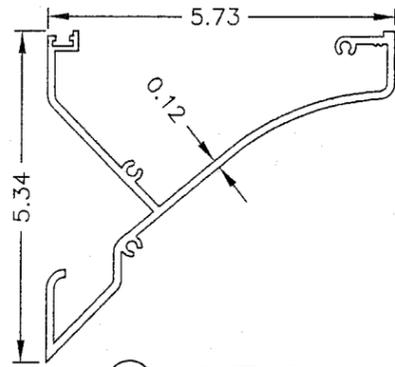
MIN/MAX HEIGHTS & OVERALL DESIGN IS  
SIMILAR FOR BOTH CURB LENGTH AND WIDTH SIDES.  
MIN & MAX HEIGHTS NOT DEPENDENT ON CURB LENGTH & WIDTH.

Approved as complying with the  
Florida Building Code  
Date 06/19/08  
NOA# 06-0801-02  
Miami Dept. Product Control  
Division  
By [Signature]

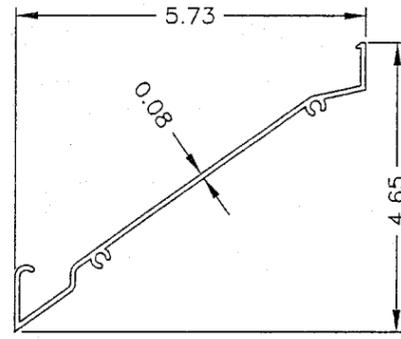
 <p>The look that works.<sup>™</sup> SCHOFIELD, WISCONSIN 54476 715-359-6171</p>	DRAWN BY M STEELE	DATE 4/3/08
	SCALE 1:13	
TITLE OPTIONAL CURB	SHEET NO. 8 OF 11	
ELEVATION - SLOPED ROOFS		CAD DRAWING NO. K6746PD

  
L. DAVID RICE  
APR 16 2008

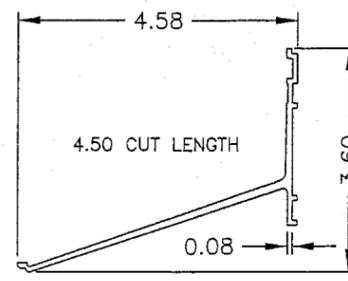
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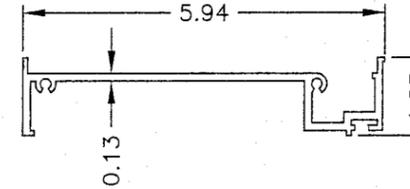
1 LOUVER HEAD  
6063-T5 ALUMINUM



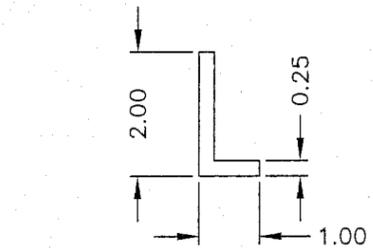
2A) B) OPTIONAL LOUVER BLADE (0.125 THICKNESS)  
6063-T5 ALUMINUM



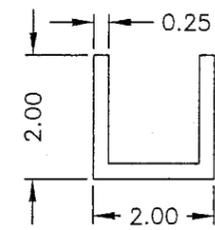
3 BLADE BRACKET  
6063-T5 ALUMINUM



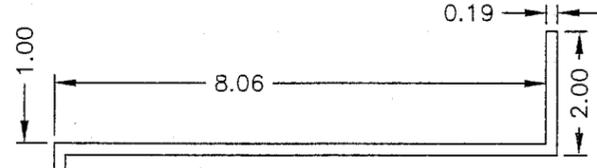
4 LOUVER JAMB  
6063-T5 ALUMINUM



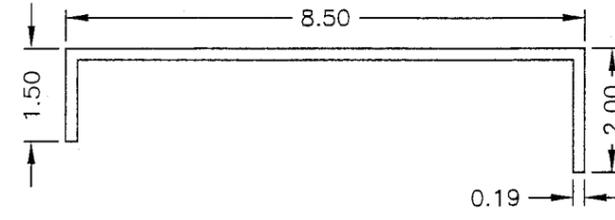
5 A) LOUVER BLADE SUPPORT ANGLE  
B) MULLION SUPPORT ANGLE  
6005-T5 ALUMINUM



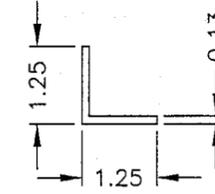
6 A) LOUVER BLADE SUPPORT CHANNEL  
B) MULLION SUPPORT CHANNEL  
6005-T5 ALUMINUM



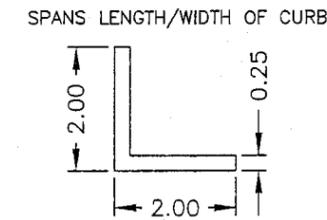
7 EXTRUDED DEEP SILL  
6063-T5 ALUMINUM



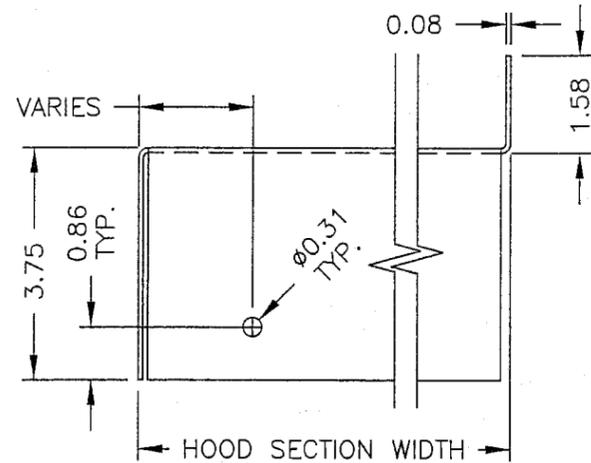
8 EXTRUDED DEEP HEAD CAP  
6063-T5 ALUMINUM



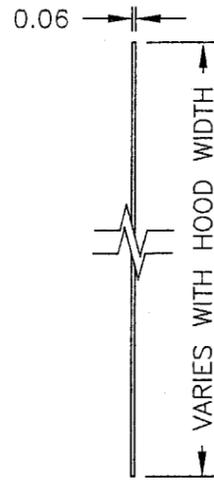
10 CORNER SUPPORT ANGLE  
6061-T6 ALUMINUM



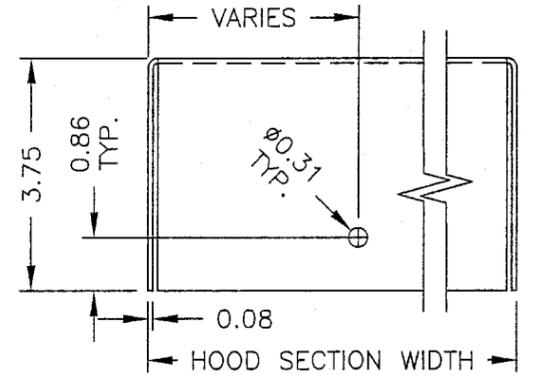
11 CURB ATTACHMENT ANGLE  
6063-T5 ALUMINUM



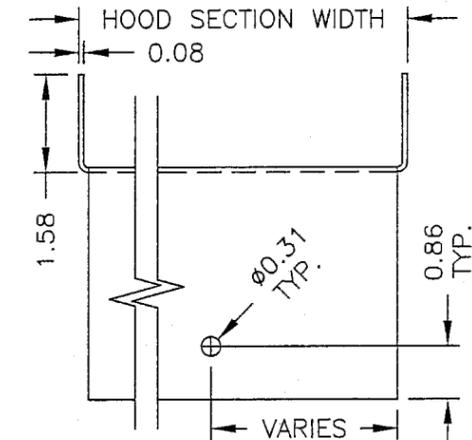
13 END TOP HOOD SKIN FOR A 2 OR 3 SECTION HOOD  
5052-H32 ALUMINUM



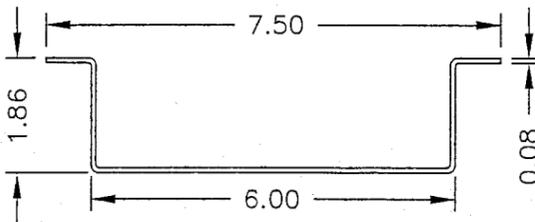
14 BOTTOM HOOD SKIN FOR A 1, 2, OR 3 SECTION HOOD  
5052-H32 ALUMINUM



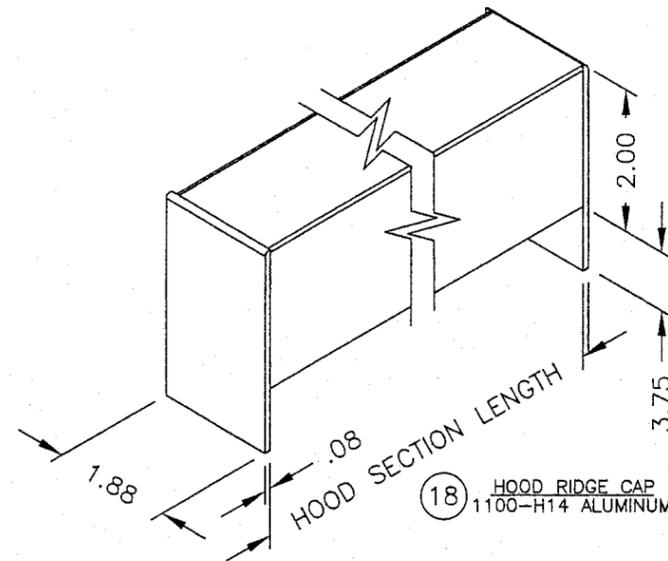
15 TOP HOOD SKIN FOR A 1 SECTION HOOD  
5052-H32 ALUMINUM



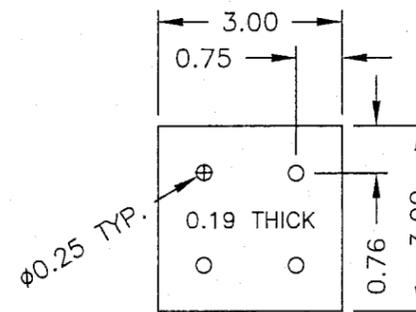
16 TOP CENTER HOOD SKIN FOR A 3 SECTION HOOD  
5052-H32 ALUMINUM



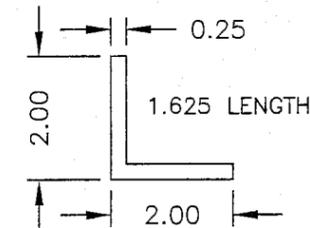
17 HOOD HAT CHANNEL  
5052-H32 ALUMINUM



18 HOOD RIDGE CAP  
1100-H14 ALUMINUM



19 CORNER PLATE  
5052-H32 ALUMINUM



20 CORNER SUPPORT ANGLE  
6063-T5

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Date 06/13/08  
NOAH DR-0801.02  
Miami Dade Product Control  
Division  
By [Signature]

DRAWN BY	DATE
M STEELE	4/3/08
SCALE	SHEET NO.
1:3	9 OF 11
CAD DRAWING NO.	
K6746PD	

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SCHOFIELD, WISCONSIN 54476  
715-359-6171

TITLE  
K6746PD, OPTIONAL CURB,  
& OPTIONAL HOOD

DETAILS - PARTS

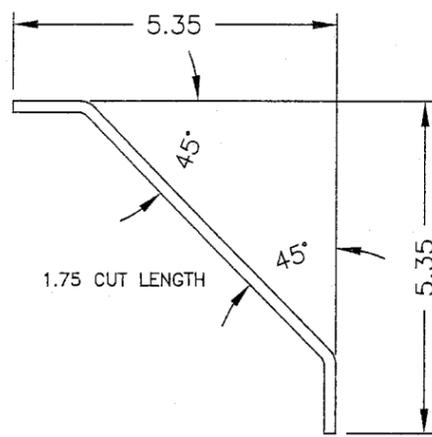
L. DAVID RICE

APR 16 2008

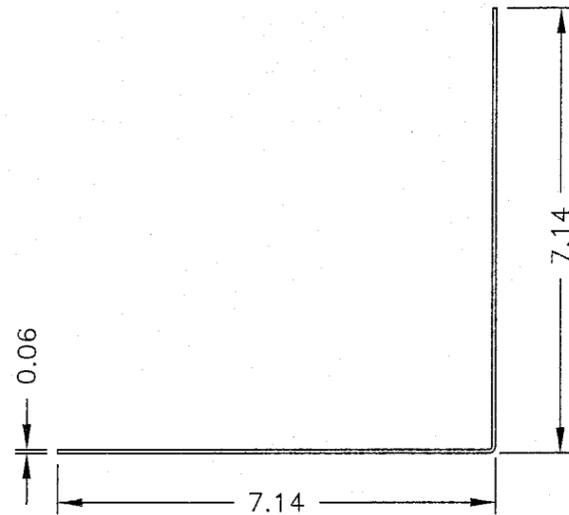
**RICE**  
ENGINEERING

105 School Creek Trail  
Luxemburg, WI 54217  
Phone: 920.845.1042  
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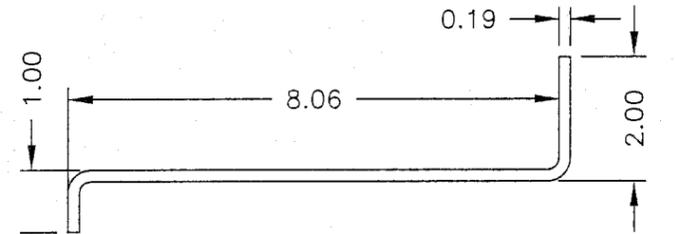
Florida Firm No: F-01000005061  
Certificate of Authorization: #9090  
L. David Rice  
Registration No: 50923



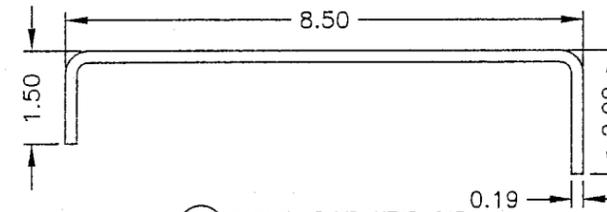
22 CORNER SUPPORT BRACKET  
3003-H14 ALUMINUM



23 OUTSIDE CORNER COVER  
1100-H14 ALUMINUM

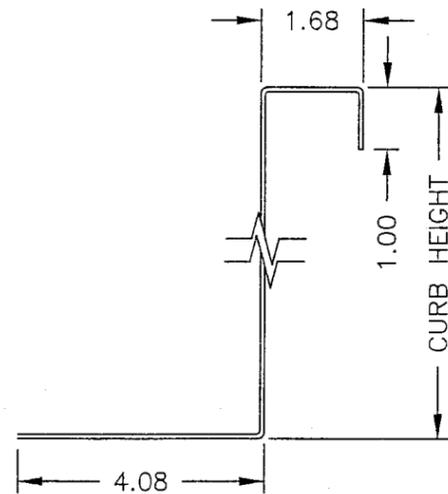


24 FORMED DEEP SILL  
5052-H32 ALUMINUM

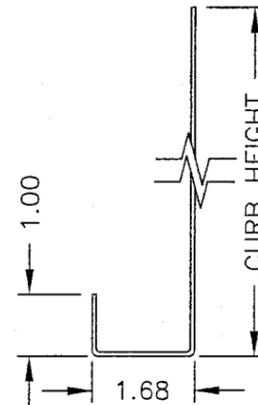


25 FORMED DEEP HEAD CAP  
5052-H32 ALUMINUM

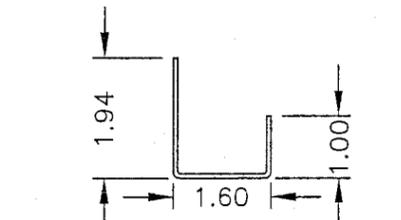
Approved as complying with the  
Florida Building Code  
Date 06/19/08  
NOA# 08-0501-02  
Miami Dade Product Control  
Division  
By *[Signature]*



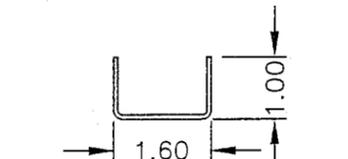
26 OUTER CURB SKIN  
PLATED/PAINTED STEEL 14 GA.



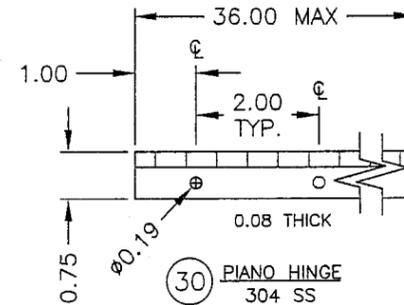
27 INNER CURB SKIN  
PLATED/PAINTED STEEL 14 GA.



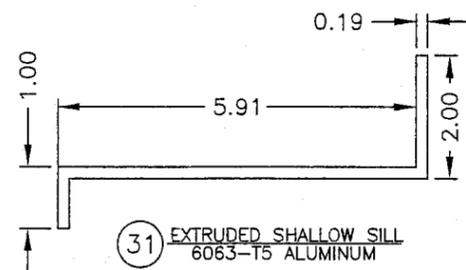
28 TOP EDGE INTERIOR CURB SUPPORT  
PLATED/PAINTED STEEL 14 GA.



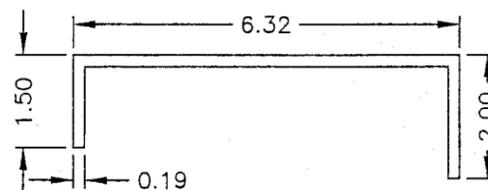
29 INTERIOR CURB SUPPORT  
PLATED/PAINTED STEEL 14 GA.



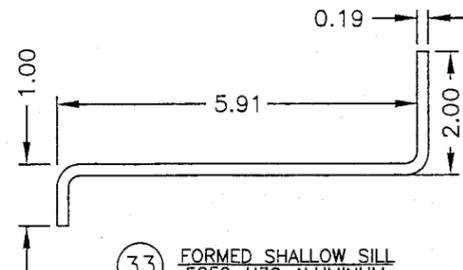
30 PIANO HINGE  
304 SS



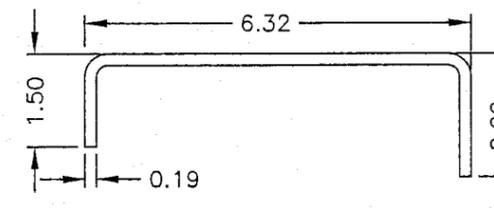
31 EXTRUDED SHALLOW SILL  
6063-T5 ALUMINUM



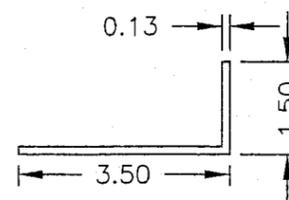
32 EXTRUDED SHALLOW HEAD CAP  
6063-T5 ALUMINUM



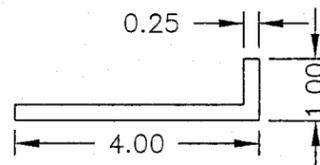
33 FORMED SHALLOW SILL  
5052-H32 ALUMINUM



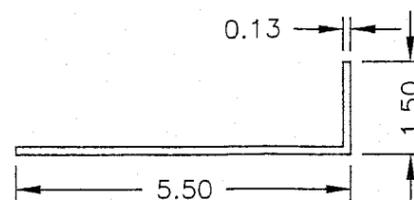
34 FORMED SHALLOW HEAD CAP  
5052-H32 ALUMINUM



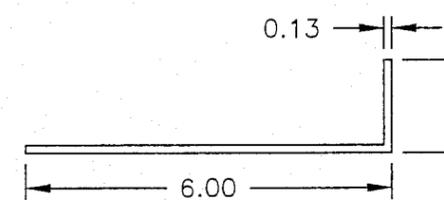
35 ADDITIONAL BLADE BRACKET SUPPORT ANGLE  
6063-T5 ALUMINUM



36 ADDITIONAL BLADE BRACKET SUPPORT ANGLE  
6005-T5 ALUMINUM



37 ADDITIONAL BLADE BRACKET SUPPORT ANGLE  
6063-T5 ALUMINUM



38 ADDITIONAL BLADE BRACKET SUPPORT ANGLE  
6063-T5 ALUMINUM

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TITLE  
K6746PD, OPTIONAL CURB,  
& OPTIONAL HOOD

DETAILS - PARTS

DRAWN BY  
M STEELE

SCALE  
1:3

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SHEET NO.  
10 OF 11

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K6746PD

L. DAVID RICE  
*[Signature]*  
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ITEM	DESCRIPTION	MATERIAL	NOTES
1	LOUVER HEAD	ALUM.	K6746
2	A) LOUVER BLADE, 0.08 THICKNESS B) OPTIONAL LOUVER BLADE, 0.125 THICKNESS	ALUM.	K6746
3	BLADE BRACKET	ALUM.	K6746, ON >36" LOUVER SECTION WIDTHS ONLY
4	LOUVER JAMB	ALUM.	K6746
5	A) LOUVER BLADE SUPPORT ANGLE B) MULLION SUPPORT ANGLE	ALUM.	ON >36" LOUVER SECTION WIDTHS ONLY, SPANS ENTIRE JAMB LENGTH ON >72" OVERALL LOUVER WIDTHS ONLY, ENDS 2" BEFORE TOP/BOTTOM OF JAMB WHEN EXTRUDED OR FORMED DEEP SILLS/HEAD CAPS ARE USED
6	A) LOUVER BLADE SUPPORT CHANNEL B) MULLION SUPPORT CHANNEL	ALUM.	ON >36" LOUVER SECTION WIDTHS ONLY, MAY BE USED IN SUBSTITUTION OF TWO OF ITEM 5A, SPANS ENTIRE JAMB LENGTH ON >72" OVERALL LOUVER WIDTHS ONLY, MAY BE USED IN SUBSTITUTION OF TWO OF ITEM 5B, ENDS 2" BEFORE TOP/BOTTOM OF JAMB WHEN EXTRUDED OR FORMED DEEP SILLS/HEAD CAPS ARE USED
7	EXTRUDED DEEP SILL	ALUM.	CAN BE USED TO REPLACE ITEM 24 IF LOUVER HEIGHT IS <=67"
8	EXTRUDED DEEP HEAD CAP	ALUM.	CAN BE USED TO REPLACE ITEM 25 IF LOUVER HEIGHT IS <=81"
9	NO ITEM		
10	CORNER SUPPORT ANGLE	ALUM.	MAY STOP 7.5" BEFORE HEAD OF LOUVER TO ALLOW FOR LIFTING LUG BOLTS
11	CURB ATTACHMENT ANGLE	ALUM.	
12	NO ITEM		
13	END TOP HOOD SKIN FOR A 2 OR 3 SECTION HOOD	ALUM.	
14	BOTTOM HOOD SKIN FOR A 1, 2, OR 3 SECTION HOOD	ALUM.	USED ONLY IF MORE THAN ONE ITEM 17 IS USED PER HOOD SECTION
15	TOP HOOD SKIN FOR A 1 SECTION HOOD	ALUM.	
16	TOP CENTER HOOD SKIN FOR A 3 SECTION HOOD	ALUM.	
17	HOOD HAT CHANNEL	ALUM.	
18	HOOD RIDGE CAP	ALUM.	ONE USED ON A 2-SECTION HOOD, TWO USED ON A 3-SECTION HOOD
19	CORNER PLATE	ALUM.	
20	CORNER SUPPORT ANGLE	ALUM.	
21	NO ITEM		
22	CORNER SUPPORT BRACKET	ALUM.	28" MAX CENTERS
23	OUTSIDE CORNER COVER	ALUM.	
24	FORMED DEEP SILL	ALUM.	USED ON LOUVER HEIGHTS <=84"
25	FORMED DEEP HEAD CAP	ALUM.	USED ON LOUVER HEIGHTS <=84"
26	OUTER CURB SKIN, 14 GA	STEEL	PLATED/PAINTED
27	INNER CURB SKIN, 14 GA	STEEL	PLATED/PAINTED
28	TOP EDGE INTERIOR CURB SUPPORT, 14 GA	STEEL	PLATED/PAINTED
29	INTERIOR CURB SUPPORT, 14 GA	STEEL	PLATED/PAINTED
30	PIANO HINGE	SS	36" MAX CONTINUOUS LENGTH, 72" MAX D.A. LENGTH PER HOOD RIDGE CAP
31	EXTRUDED SHALLOW SILL	ALUM.	CAN BE USED TO REPLACE ITEM 24 IF LOUVER HEIGHT IS <=41"
32	EXTRUDED SHALLOW HEAD CAP	ALUM.	CAN BE USED TO REPLACE ITEM 25 IF LOUVER HEIGHT IS <=52"
33	FORMED SHALLOW SILL	ALUM.	CAN BE USED TO REPLACE ITEM 24 IF LOUVER HEIGHT IS <=54"
34	FORMED SHALLOW HEAD CAP	ALUM.	CAN BE USED TO REPLACE ITEM 25 IF LOUVER HEIGHT IS <=68"
35	ADDITIONAL BLADE BRACKET SUPPORT ANGLE 1.5x3.5	ALUM.	CAN BE USED TO REPLACE ITEM 38 IF LOUVER HEIGHT IS <=53"
36	ADDITIONAL BLADE BRACKET SUPPORT ANGLE 1x4	ALUM.	CAN BE USED TO REPLACE ITEM 38 IF LOUVER HEIGHT IS <=71"
37	ADDITIONAL BLADE BRACKET SUPPORT ANGLE 1.5x5.5	ALUM.	CAN BE USED TO REPLACE ITEM 38 IF LOUVER HEIGHT IS <=76"
38	ADDITIONAL BLADE BRACKET SUPPORT ANGLE 1.5x6	ALUM.	USED ON LOUVER HEIGHTS >40" AND <=84" WHEN ITEM 5A OR 6A IS USED
39	NO ITEM		
40	1/4-20 X 1 MIN MACHINE SCREW (MS)	SS	
41	NO ITEM		
42	1/4-20 FEMALE INSERT	STEEL	PLATED
43	1/4-20 X 3/4 MIN BOLT	SS	
44	1/4-20 NUT	SS	
45	#10 X 1/2 MIN SHEET METAL SCREW (SMS)	STEEL	PLATED
46	#10 X 1.25 SMS	SS	
47	NO ITEM		
48	5/16-18 X 3/4 MIN BOLT	SS	
49	NO ITEM		
50	5/16 NUT	SS	
51	#10 X 3/4 MIN SMS	SS	
52	#10 X 1 MIN, SMS, COUNTER SUNK HEAD	SS	
53	1/4-14 X 1 MIN SMS (#4 MAX DRILL POINT, IF USED)	SS	IF ITEM 11 AND AIROLITE OPTIONAL CURB SANDWICH OTHER MATERIALS (ROOFING, SKIRTS, ETC.) THEN THE INSTALLER MUST USE SCREWS OF AT LEAST 1" PLUS THE TOTAL THICKNESS OF THE SANDWICHED MATERIALS TO ENSURE PROPER SCREW-CURB PENETRATION.
54 TO 56	NO ITEMS		
57	#10 X 1/2 MIN BOLT	SS	
58	#10 NUT	SS	
59	3/16 X 3/8-1/2 SS/SS RIVET, BLIND	SS	
60	3/8-16 X 3 MIN, EXPANDABLE ANCHOR	PLATED ST.	12" MAX CENTERS, 2.5" MIN CONCRETE ENGAGEMENT, 3.25 MIN TO CONCRETE EDGE
61	#12-14 X 1 MIN SMS	PLATED ST.	4.5" MAX CENTERS W/ 3/CORNER, 1/4" MIN VERTICAL THREAD ENGAGEMENT INTO STEEL, 2" MIN TO STEEL EDGE
62	1/2 X 3 MIN LAG BOLT	PLATED ST.	8" MAX CENTERS, 2.93" MIN WOOD ENGAGEMENT, 2" MIN TO WOOD EDGE

GENERAL NOTES:

- IT SHALL BE THE RESPONSIBILITY OF THE PERMIT HOLDER TO VERIFY THE STRUCTURAL INTEGRITY OF THE EXISTING STRUCTURE TO SUPPORT THE LOADS IMPOSED BY THE PENTHOUSE ASSEMBLY.
- THE K6746PD HAS BEEN DESIGNED AND QUALIFIED WITH AND WITHOUT THE OPTIONAL HOOD AND CURB IN ACCORDANCE WITH THE FLORIDA BUILDING CODE (FBC) AND TEST PROTOCOLS TAS-201 (IMPACT), TAS-202 (UNIFORM STATIC PRESSURE), AND TAS-203 (CYCLIC FATIGUE) TO A MAXIMUM DESIGN LOAD OF +/- 115 PSF.
- A CURB MAY BE PROVIDED BY AIROLITE (AS SHOWN ON SHEETS 6-8, & 10) AS AN OPTION. IT IS THE RESPONSIBILITY OF THE INSTALLER TO ENSURE CURBS NOT PROVIDED BY AIROLITE MEET THE BUILDING'S WIND LOAD REQUIREMENTS AS DETERMINED BY THE BUILDING DESIGNER. IT IS THE RESPONSIBILITY OF THE INSTALLER TO DETERMINE PROPER PENTHOUSE-TO-CURB FASTENING WHEN A NON-AIROLITE CURB IS USED.
- HOOD AS PROVIDED BY AIROLITE (AS SHOWN ON SHEETS 1, 3, 5, & 9-10) IS AN OPTION FOR USE AS AN ENCLOSURE. PENTHOUSE WITH HOOD BY OTHERS IS NOT A QUALIFIED PRODUCT.
- LOUVER CONSTRUCTION: HEADS, JAMBS, AND BLADES ARE SQUARE CUT AT BOTH ENDS. SILLS ARE MITERED AT BOTH ENDS. OVERALL LOUVER SECTION SIZES GREATER THAN 72" WIDE CONSIST OF TWO LOUVERS WHICH SHARE A COMMON SILL. BLADE SPACING IS 4" MAX. EACH JAMB IS SECURED TO THE SILL WITH (2) #10x1" COUNTERSUNK SHEET METAL SCREWS AND WELDED. BLADES AND HEADS ARE SECURED TO JAMBS WITH (2) #10x1.25" SHEET METAL SCREWS AND WELDED.
- ALL WOOD SUBSTRATE SHALL BE G = 0.55 DENSITY OR BETTER.
- ALL METAL STUD SUBSTRATE SHALL BE MIN. 16 GA. FY = 50 KSI.
- ALL STRUCTURAL STEEL SUBSTRATE SHALL BE MIN. 1/4" THICK FY = 36 KSI.
- ALL CONCRETE SUBSTRATE SHALL BE MIN. 3000 PSI.
- CONCRETE MASONRY SHALL BE ASTM C90, TYPE II, MIN. 2000 PSI GROUT-FILLED.
- AIROLITE DOES NOT DETERMINE THE STRUCTURAL INTEGRITY OF THE SUBSTRATE STRUCTURE.
- THE SYSTEM SHALL ONLY BE INSTALLED IN A LOCATION WHERE THE ENCLOSED AREA/ROOM INSIDE THE PENTHOUSE IS DESIGNED TO DRAIN WATER PENETRATING INTO THE AREA/ROOM, AND THE AREA/ROOM WILL HOUSE WATER RESISTANT/PROOF EQUIPMENT, COMPONENTS, AND/OR SUPPLIES.
- INSTALLER TO PROVIDE SEPARATION OF DISSIMILAR MATERIALS AS REQUIRED.
- PLATED/PAINTED STEEL ITEMS MAY BE REPLACED WITH EQUIVALENT STAINLESS STEEL ITEMS.

DATE	4/3/08
DRAWN BY	M STEELE
SCALE	
SHEET NO.	11 OF 11
CAD DRAWING NO.	K6746PD



TITLE  
K6746PD, OPTIONAL HOOD,  
& OPTIONAL CURB  
GENERAL NOTES &  
ITEMIZED PARTS LISTING

**L. DAVID RICE**  
*(Signature)*

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