



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
 BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
 PRODUCT CONTROL SECTION
 11805 SW 26 Street, Room 208
 Miami, Florida 33175-2474
 T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Ruskin Company
 3900 Dr. Greaves Road.
 Grandview, MO 64030

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section 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 Section (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. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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 PHB6625D Aluminum Penthouse Louver System

APPROVAL DOCUMENT: Drawing No. **60-022015**, titled "PHB6625D Penthouse", sheets 1 through 13 of 13, dated 07/07/2006, with revision H dated 09/22/2015, prepared by Ruskin Company, signed and sealed by Chelsea GQ Welch, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, Geneva, AL, model/series, 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 revises NOA # **13-0730.04** and 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.**



[Handwritten Signature]
 11/24/2015

NOA No. 15-0930.11
 Expiration Date: November 20, 2018
 Approval Date: December 3, 2015
 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **60-022015-00B**, titled "PHB6625D Penthouse", sheets 1 through 13 of 13, dated 07/07/2006, with revision H dated 09/22/2015, prepared by Ruskin Company, signed and sealed by Chelsea GQ Welch, P.E.

B. TESTS "Submitted under NOA # 08-1003.05"

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
along with marked-up drawings and installation diagram of Series/Model PHB6625D Penthouse, prepared by Architectural Testing, Inc., Test Report No. **73628.01-401-18**, dated 09/05/2007, signed and sealed by Joseph A. Reed, P.E.

C. CALCULATIONS

1. Wind load review prepared by Ruskin Company, dated 09/12/2015, signed and sealed by Chelsea GQ Welch, P.E.

"Submitted under NOA # 13-0730.04"
2. Head, jamb, sill and HHBS components moment of inertia and section modulus calculations prepared by Ruskin Company, dated 09/19/2013, signed and sealed by Daniel J. Rau, P.E.

"Submitted under NOA # 08-1003.05"
3. Anchorage, stress and deflection calculations, prepared by Ruskin Company, dated 09/12/2008, signed and sealed by Daniel J. Rau, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

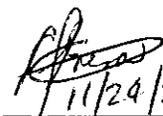
E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of code conformance to the 5th edition (2014) FBC issued by Ruskin Company, dated 09/22/2015, signed and sealed by Chelsea GQ Welch, P.E.

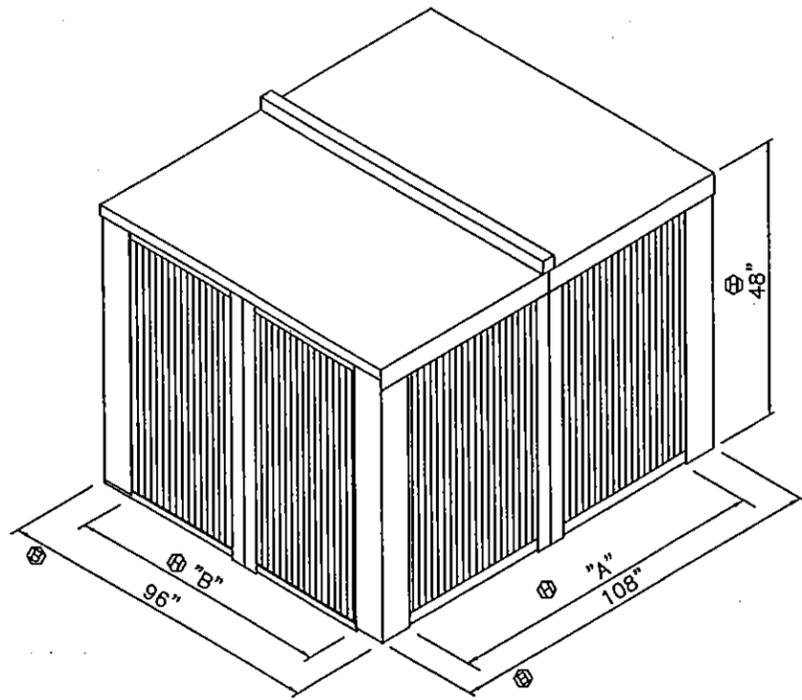
"Submitted under NOA # 13-0521.07"
2. Statement letter of code conformance to 2010 FBC issued by Ruskin Company, dated 05/10/2013, signed and sealed by Daniel J. Rau, P.E.
3. No financial interest letter issued by Ruskin Company, dated 05/10/2013, signed and sealed by Daniel J. Rau, P.E.



11/24/2015

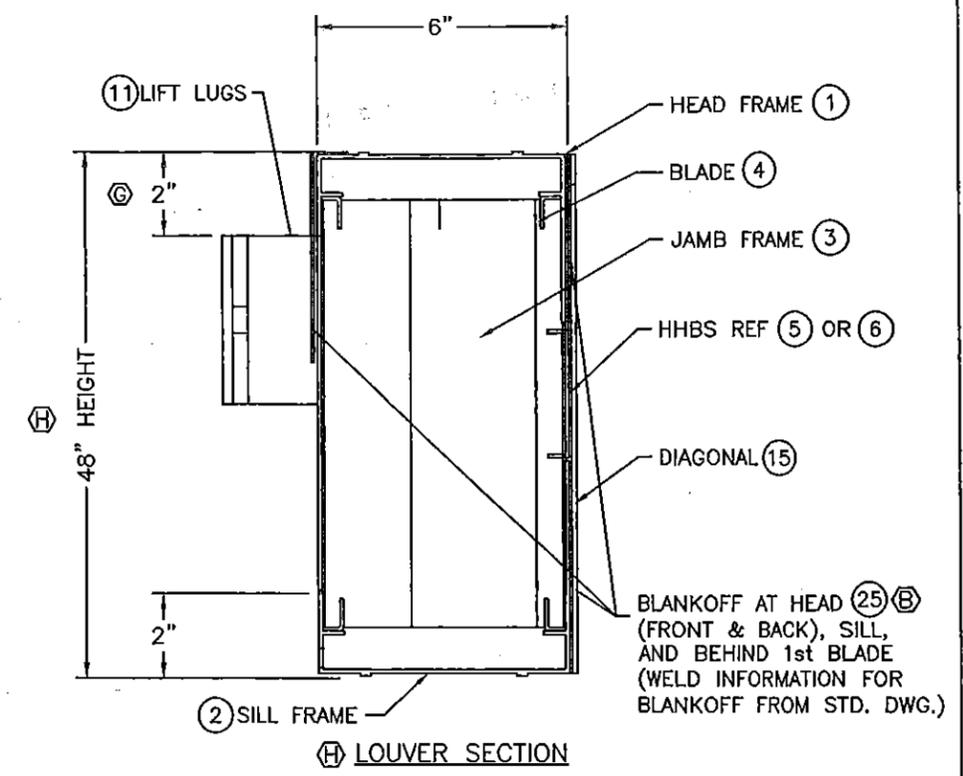
Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 15-0930.11

Expiration Date: November 20, 2018
Approval Date: December 3, 2015



PENTHOUSE ISOMETRIC

FRAME	6063-T6 extruded aluminum with .095" nominal wall thickness. (C)
BLADES	(H) 6063-T6 extruded aluminum with .080" nominal wall thickness.
ROOF	.080 thick formed aluminum panels
SILL	.125" thick formed aluminum
FINISH	
(H) Mill	

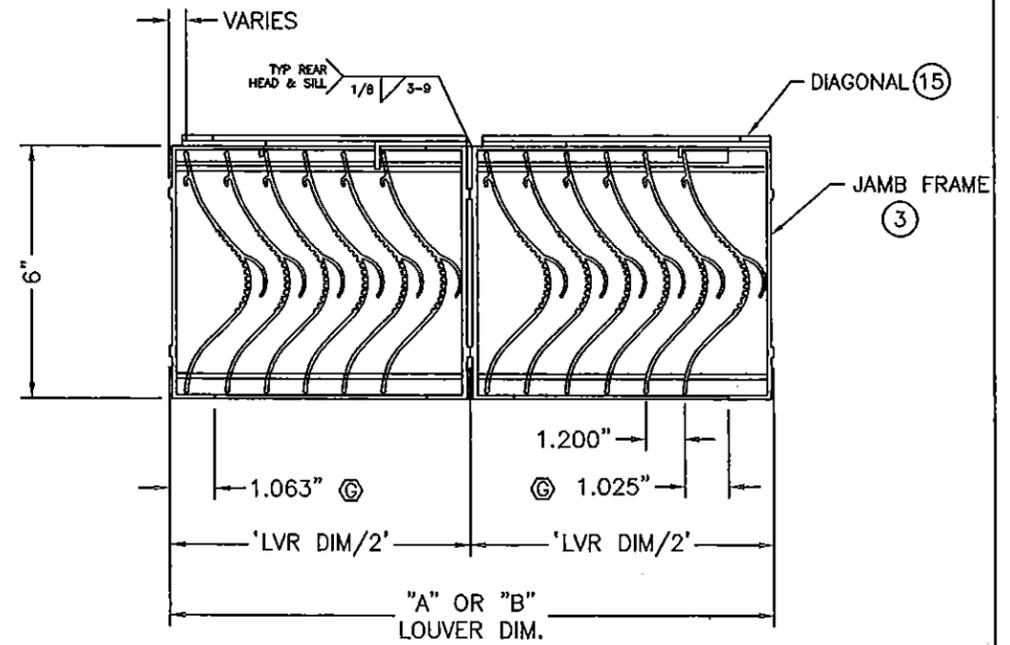


(H) LOUVER SECTION

FOR OFFICE USE ONLY

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No 15-0730.11
 Expiration Date 11/22/2018
 By *[Signature]*
 Miami Trade Product Control

NOTE: REF SHEET 6 FOR DESCRIPTION OF LINE ITEMS (C)



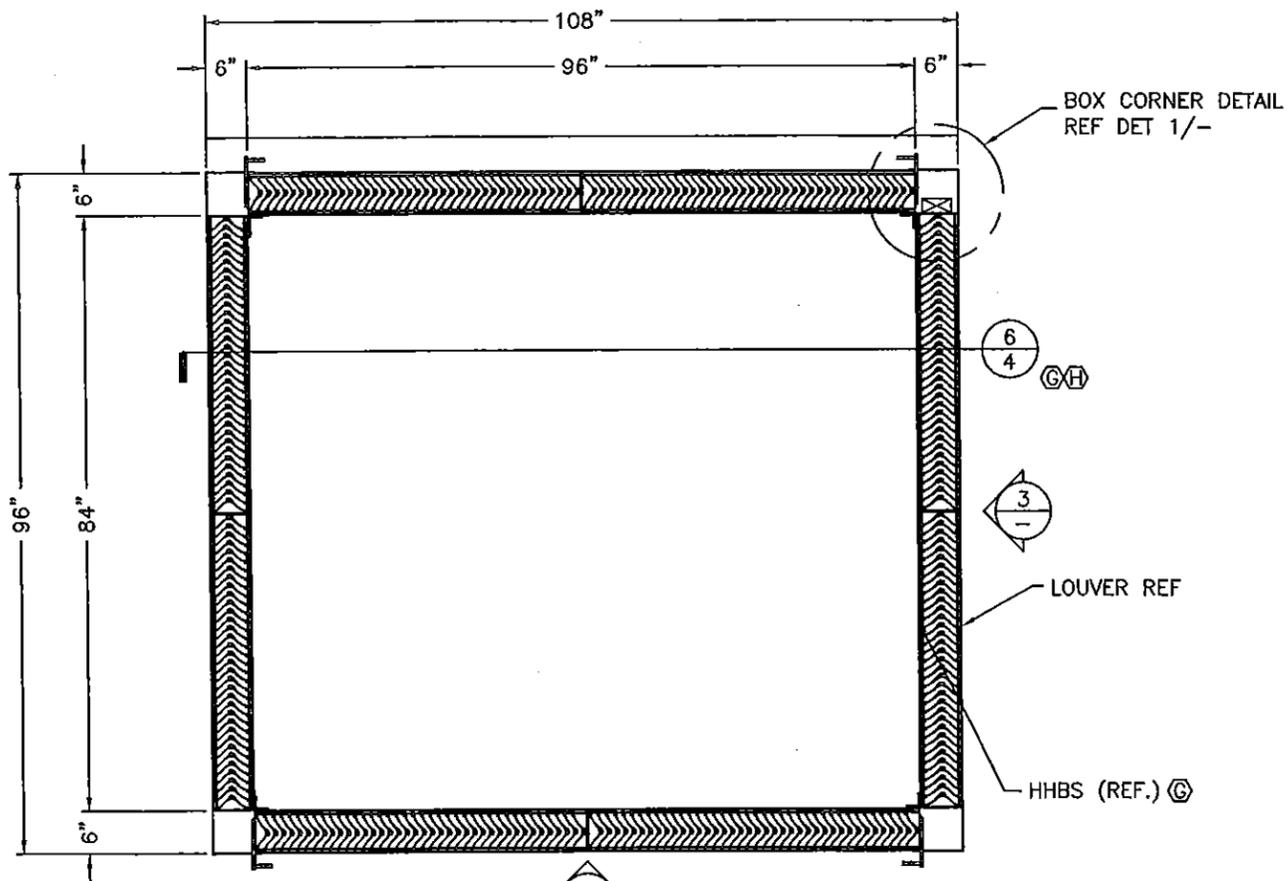
LOUVER PLANVIEW

NOTES: (H)

- 1) THE PHB6625D HAS BEEN TESTED IN ACCORDANCE WITH FLORIDA PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT, UNIFORM PRESSURE AND CYCLIC WIND PRESSURE.
- 2) THIS PENTHOUSE SYSTEM IS APPROVED FOR APPLICATIONS WITH DESIGN PRESSURES OF +/- 110 PSF OR LESS.
- 3) IT SHALL BE THE RESPONSIBILITY OF THE PERMIT HOLDER/BUILDING DESIGN ENGINEER OF RECORD TO VERIFY THE STRUCTURAL INTEGRITY OF THE ROOF CURB/STRUCTURE TO SUPPORT THE LOADS IMPOSED BY THIS PENTHOUSE SYSTEM.
- 4) 'A'+12" AND 'B'+12" ARE THE OUTSIDE DIMENSIONS OF THE PENTHOUSE SIDES. 'A' AND 'B' ARE THE INSIDE DIMENSIONS OF THE CURB.
- 5) THE MAXIMUM OUTSIDE DIMENSIONS OF THE PENTHOUSE ARE 96"x108"x48" TALL AS INDICATED ON THESE DRAWINGS. THE MINIMUM OUTSIDE DIMENSIONS OF THE PENTHOUSE ARE 24"x24"x12" TALL.
- 6) SEALING REQUIREMENTS AROUND THE PENTHOUSE SHALL COMPLY WITH THE PROVISIONS OF CHAPTER 15 OF THE FLORIDA BUILDING CODE.
- 7) ABBREVIATIONS: NIRC = NOT IN RUSKIN'S CONTRACT
- 8) ALL FASTENERS SHALL BE CORROSION RESISTANT.

9/22/2015
[Signature]

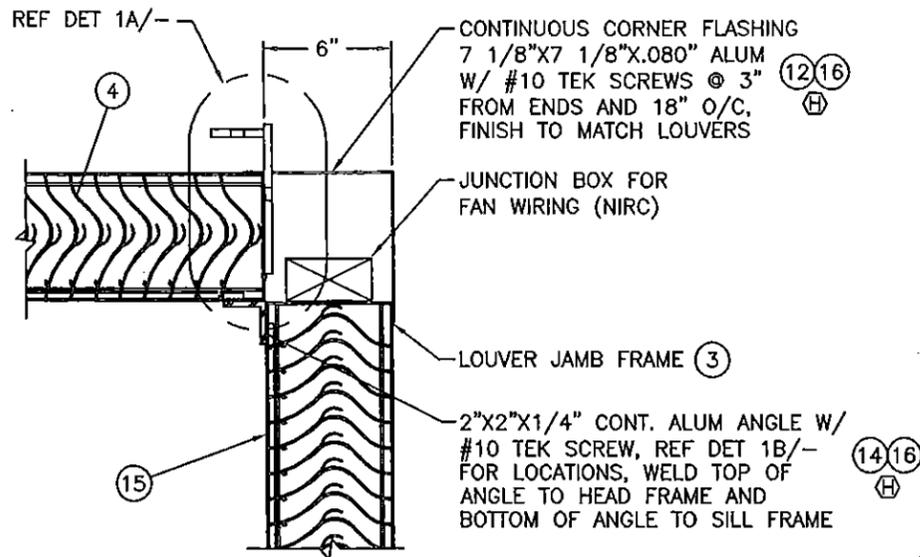
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(H)	GENERAL REVISIONS	DLB	KJM	NLT	CGW 9/22/15
(C)	GENERAL REVISIONS	DRP	RKP	DJR	7/19/13
(F)	REVISED SILL PART NUMBER (SHEET 6) & SILL FRAME (SHEET 7)	DRP	RKP	DJR	5/10/13
(C)	REV'D TITLE BLOCK SPEC. BLK, RMVD SCRIN, ADD DIAG	DWS	DJR	DJR	9/12/2008
(H) FL #67221	RUSKIN Mfg Grandview, MD				
DRAWN BY: WRT	CHECKED BY: DJR	APPROVED BY: DJR	DATE: 6/26/6	DATE: 7/7/6	DATE: 7/7/6
SHEET 1 OF 13		TITLE: PHB6625D PENTHOUSE SPECS, NOTES AND DETAILS		DWR. NO. 60-022015-00D	



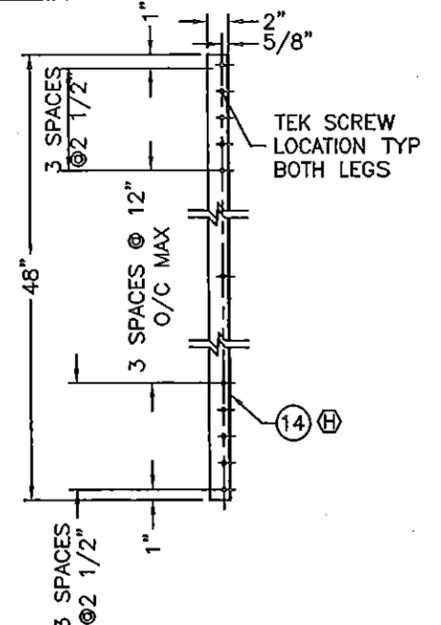
ASSEMBLY "A"

N.T.S.
HEIGHT = 48" (G,H)

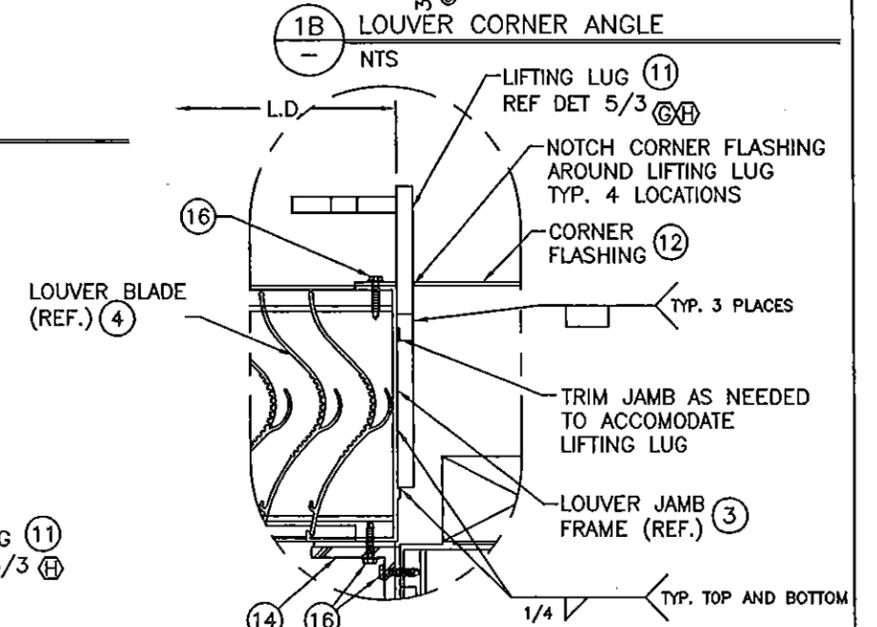
ROOF NOT SHOWN FOR CLARITY



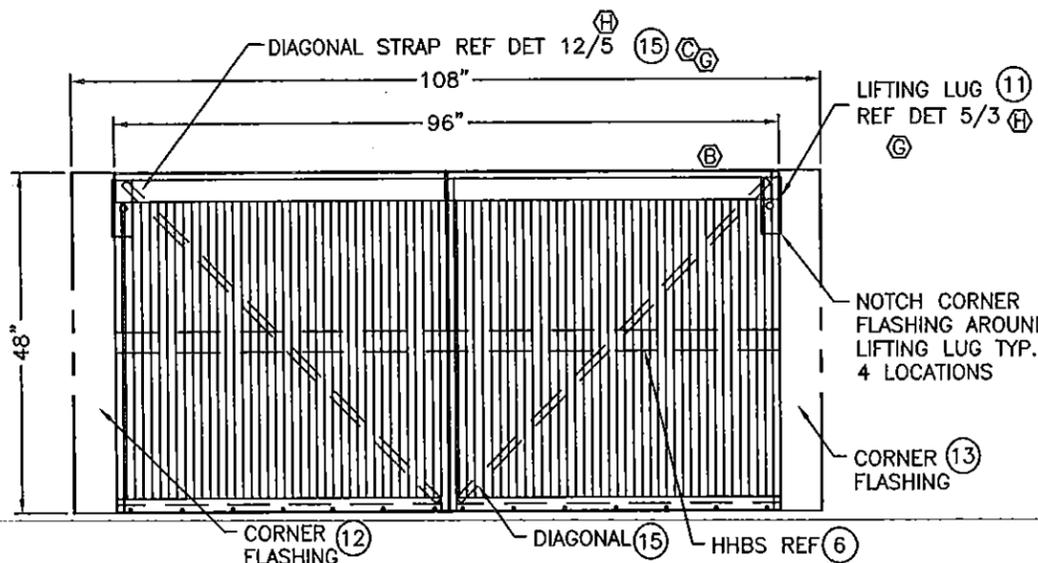
1 BOX CORNER DETAIL
N.T.S.



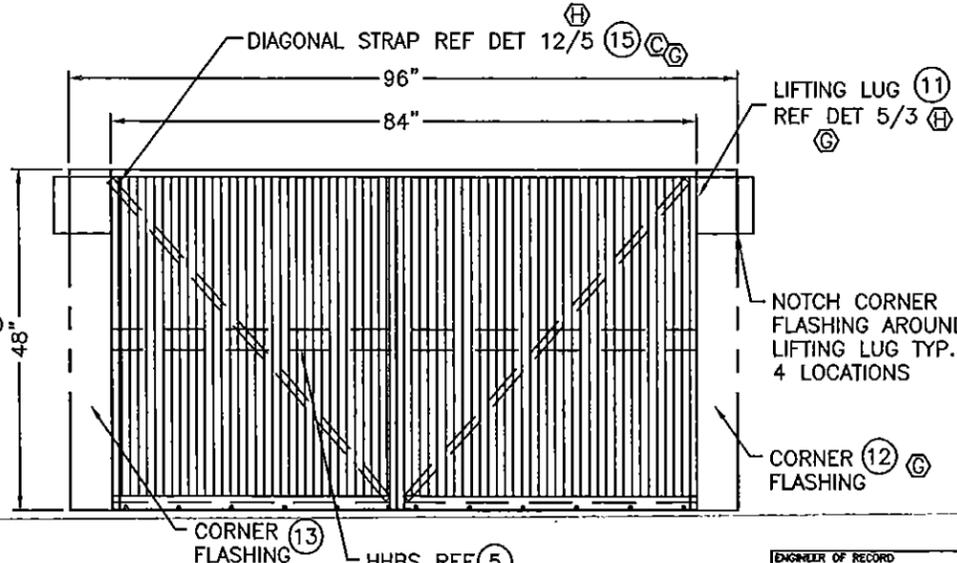
1B LOUVER CORNER ANGLE
N.T.S.



1A LOUVER/CORNER FLASHING DETAIL
N.T.S.



2 ELEVATION
N.T.S.



3 ELEVATION
N.T.S.

FOR OFFICE USE ONLY

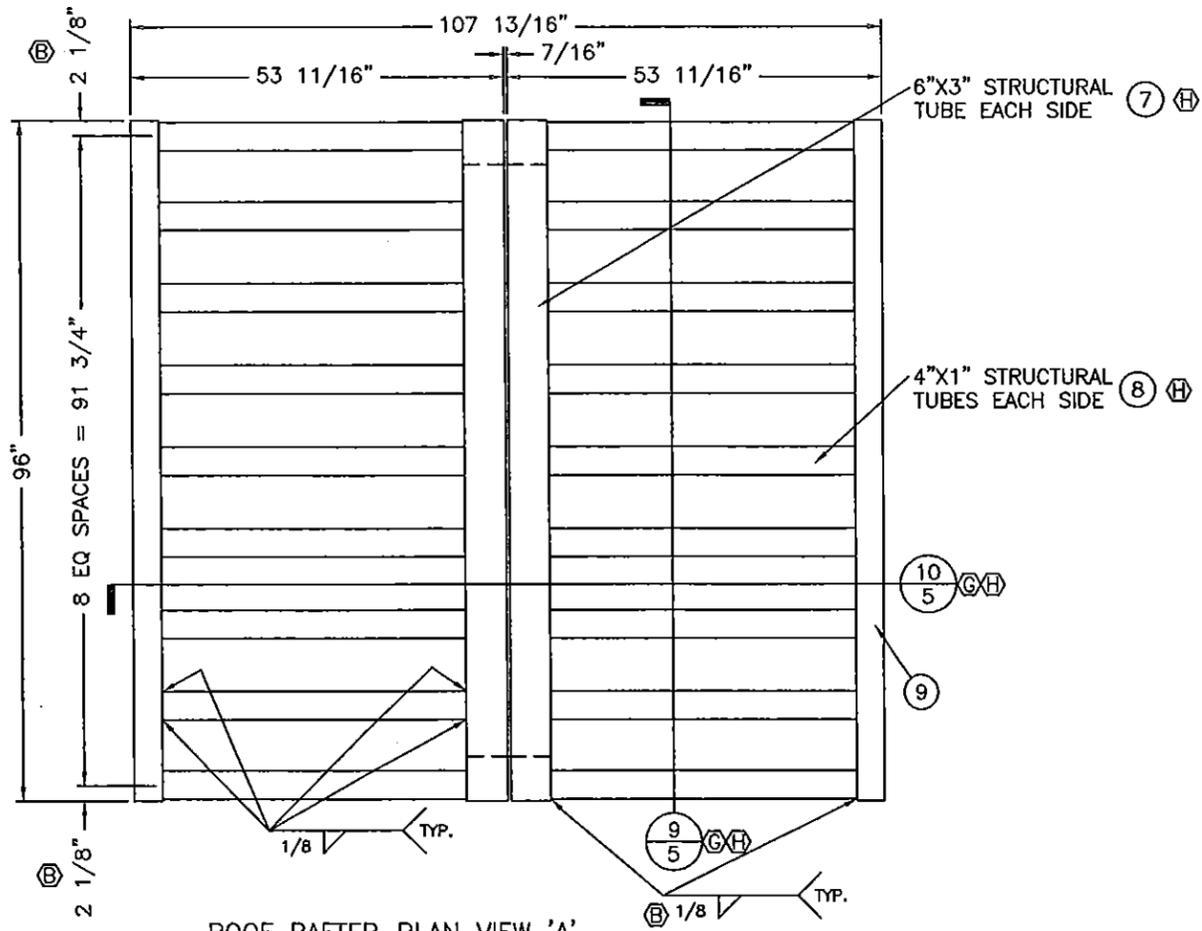
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 15-0130-11
Expiration Date 11/20/2018
By *[Signature]*
Miami Dade Product Control

CHANGE LETTER	REVISION DESCRIPTION	OWN. BY:	CHK'D. BY:	APP'D. BY:	DATE
(H)	GENERAL REVISIONS	DLB	KJM	NLT	CGW 9/22/15
(G)	GENERAL REVISIONS	DRP	RKP	DJR	7/19/13
(F)	REVISED SILL PART NUMBER (SHEET 6) & SILL FRAME (SHEET 7)	DRP	RKP	DJR	5/10/13
(C)	ADDED DIAGONAL	DWS	DJR	DJR	9/12/2008
RUSKIN Mfg Grandview, MD		PLOT SCALE		ECN 4621	
NONE		ECN		4621	
PHB6625D PENTHOUSE DETAILS		DWO. NO.		60-022015-00D	

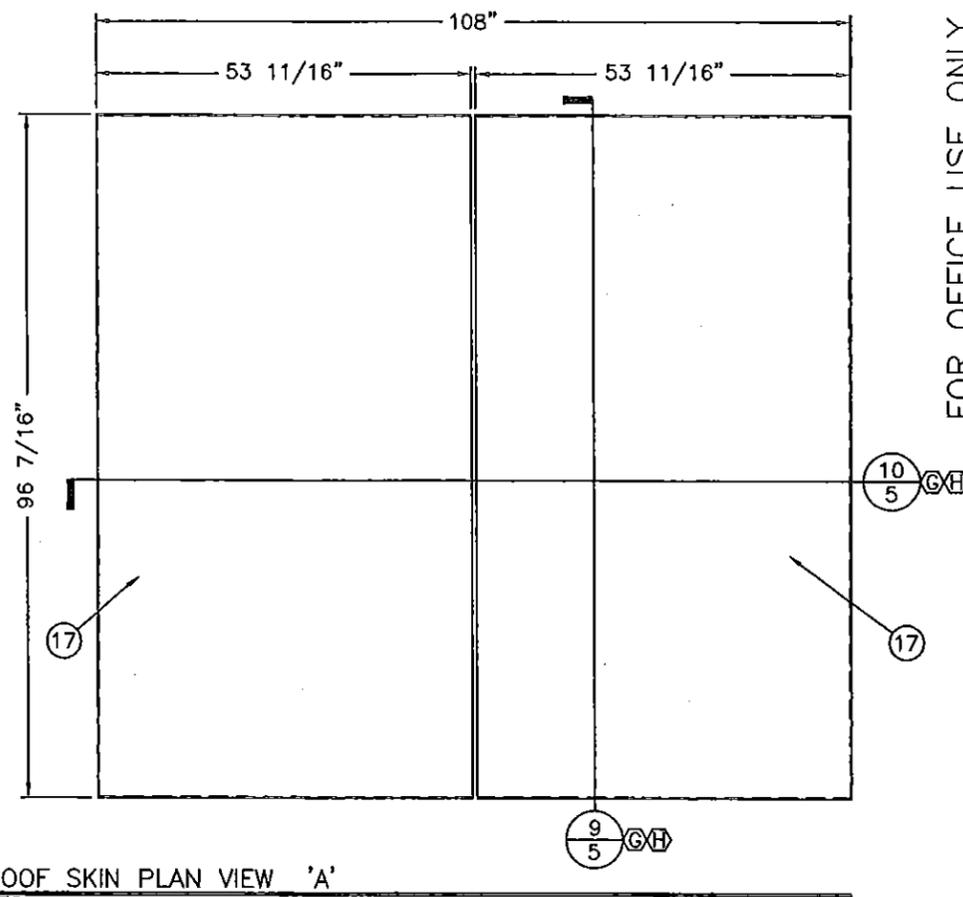
ENGINEER OF RECORD
CHELSEA G. WELCH
ENGINEERING DISCIPLINE
CIVIL/STRUCTURAL
REGISTRATION NUMBER
FL #67221
DATE: 6/26/08
DATE: 7/7/06
DATE: 7/7/06

9/22/2015
Chelsea G. Welch

NOTE:
REF SHEET 6 FOR DESCRIPTION OF LINE ITEMS (G)



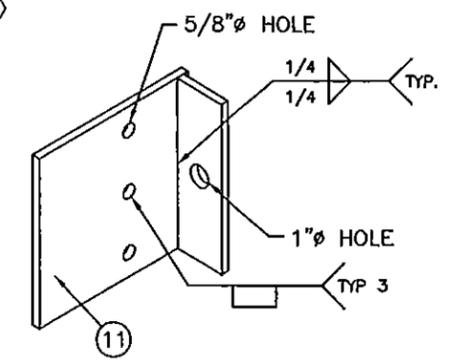
ROOF RAFTER PLAN VIEW 'A'
NTS



ROOF SKIN PLAN VIEW 'A'
NTS

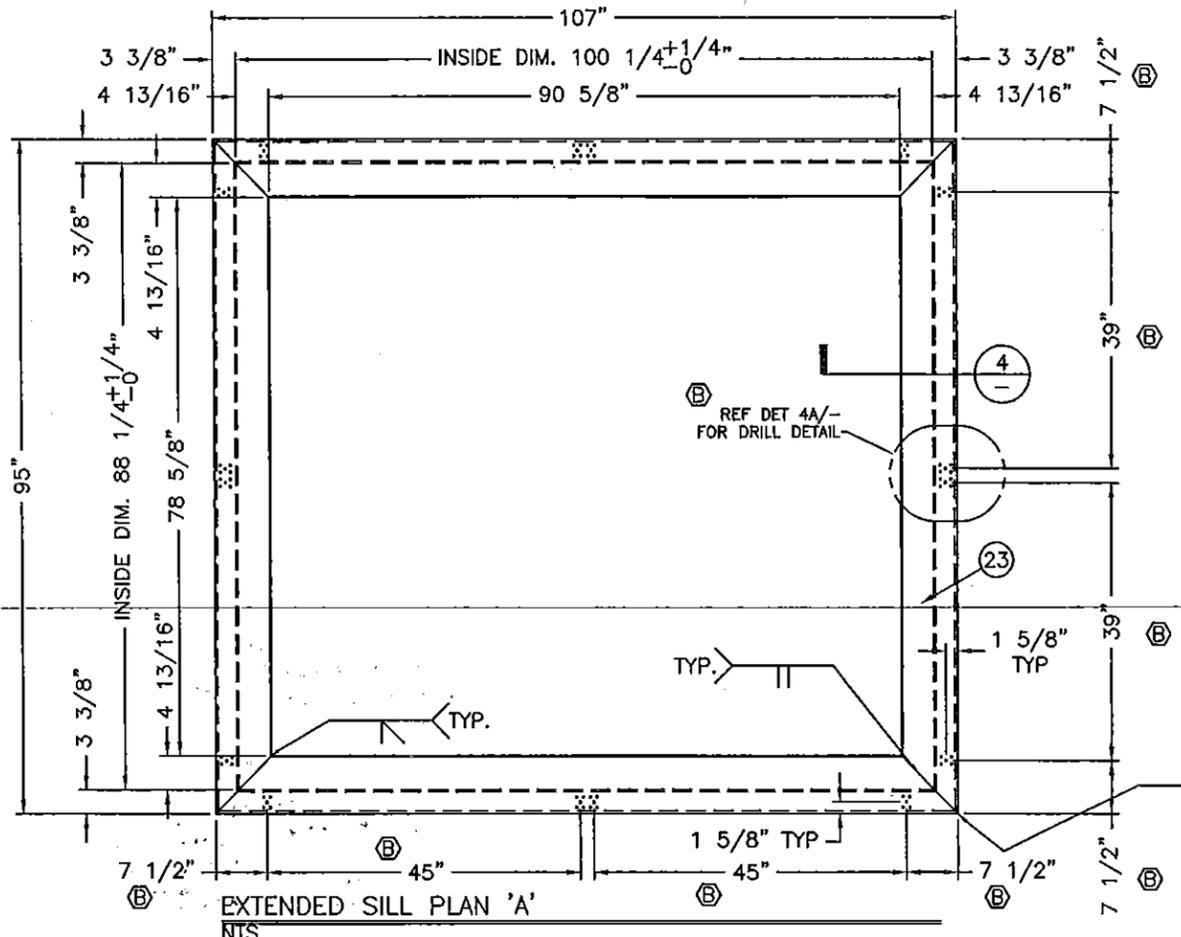
FOR OFFICE USE ONLY

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 15-0930-11
Expiration Date 11/22/2018
By *[Signature]*
Miami Code Product Control

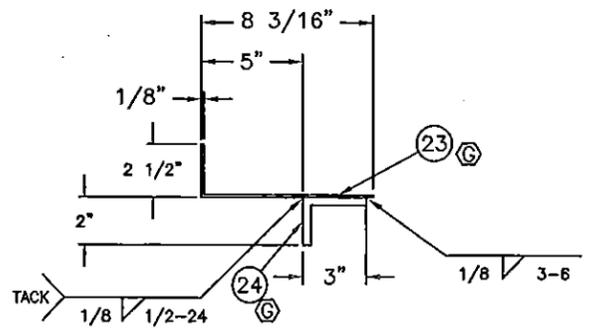


REF SHEET 10
FOR SPECIAL LIFTING
LUG INFO (5)

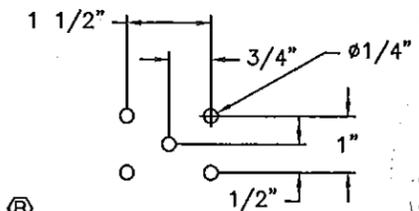
(5) SPECIAL LIFTING LUG
NTS
MAT'L: .375" THICK ALUMINUM
FINISH TO MATCH LOUVER



EXTENDED SILL PLAN 'A'
NTS



(4) ITEMS 23 & 24 - EXTENDED SILL (4)
NTS
MAT'L: .125" THK FORMED ALUM W/.25" THK EXT ALUM ANG
FINISH TO MATCH LOUVER (SHIP LOOSE)



(4A) EXTENDED SILL DRILL DETAIL
NTS

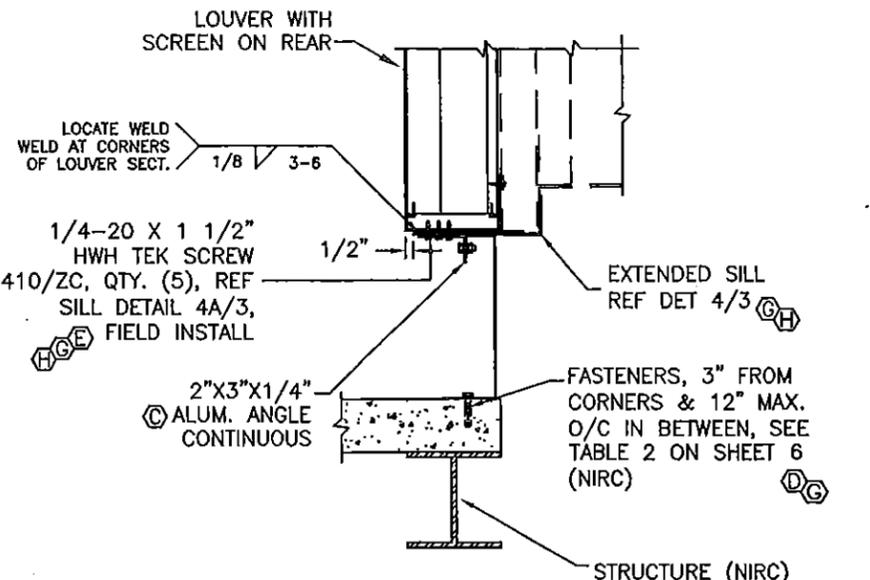
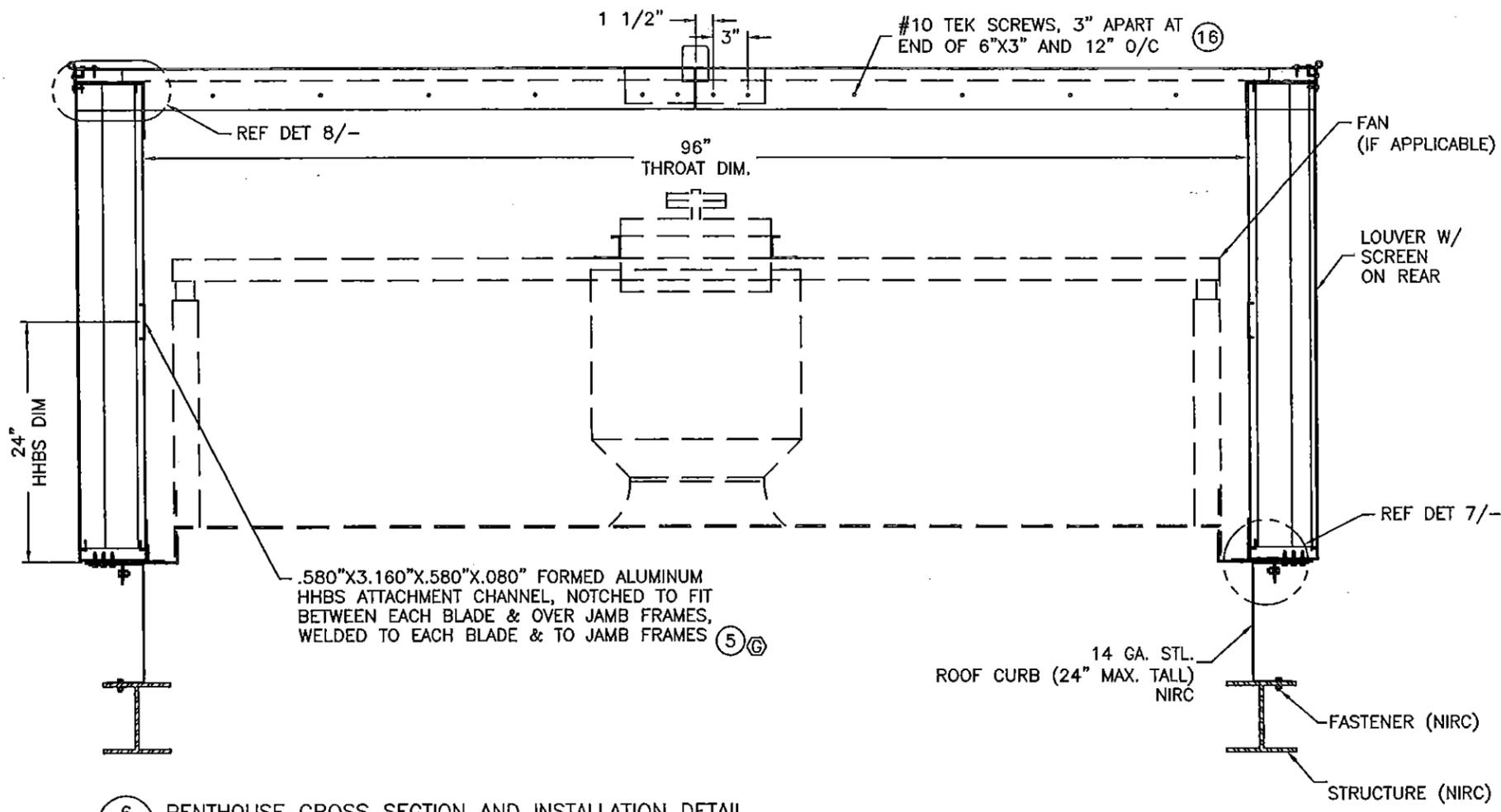
NOTE:
REF SHEET 6 FOR DESCRIPTION OF LINE ITEMS (6)

ENGINEER OF RECORD (H) CHELSEA G. WELCH REGISTRATION NUMBER (H) FL #67221	DRAWN BY: WRT DATE: 6/26/6	CHECKED BY: DJR DATE: 7/7/6	APPROVED BY: DJR DATE: 7/7/6
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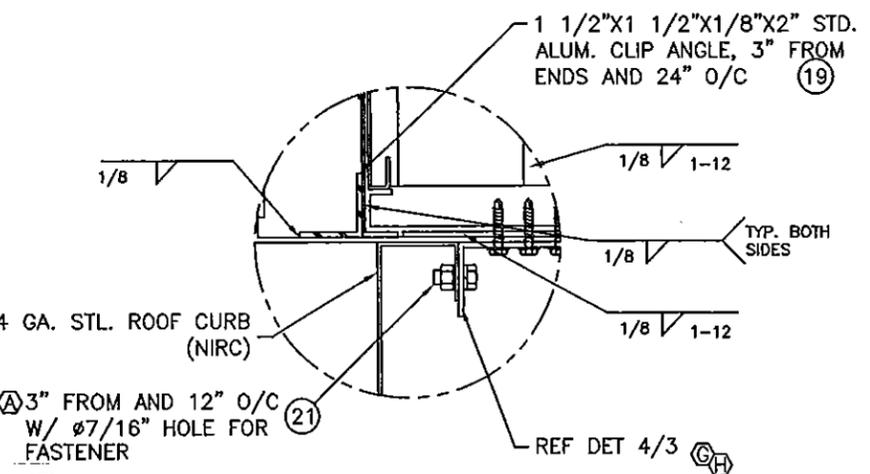
CHANGE LETTER	REVISION DESCRIPTION	DWN. BY:	CHK'D. BY:	APPY'D. BY:	APPR'D. BY:	DATE
(H)	GENERAL REVISIONS	DLB	KJM	NLT	CGW	9/22/15
(G)	GENERAL REVISIONS	DRP	RKP	DJR		7/19/13
(F)	REVISED SILL PART NUMBER (SHEET 6) & SILL FRAME (SHEET 7)	DRP	RKP	DJR		5/10/13
(D)	REV'D TITLE BLOCK	DWS	DJR	DJR		9/12/2008

PROJECT TITLE RUSKIN Mfg Grandview, MD	PLOT SCALE NONE	ECN 4621
SHEET 3 OF 13 (D)	TITLE PHB6625D PENTHOUSE DETAILS	DWG. NO. 60-022015-00D

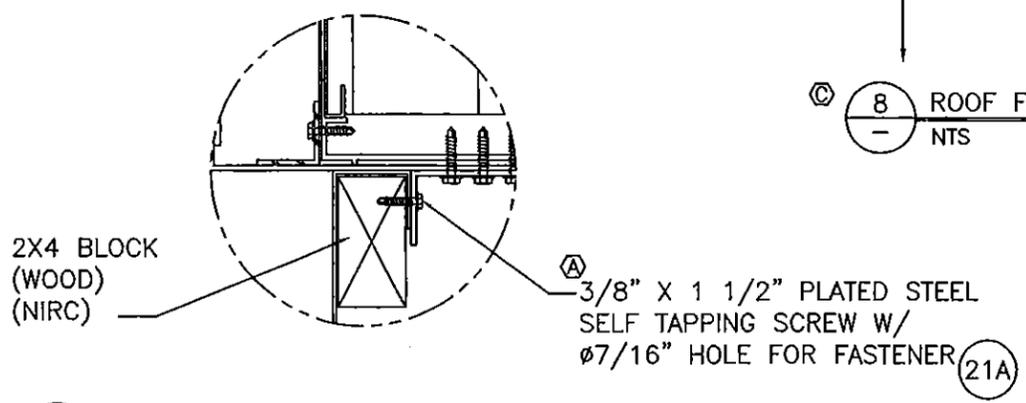
9/22/2015
[Signature]



6 PENTHOUSE CROSS SECTION AND INSTALLATION DETAIL
2 NTS

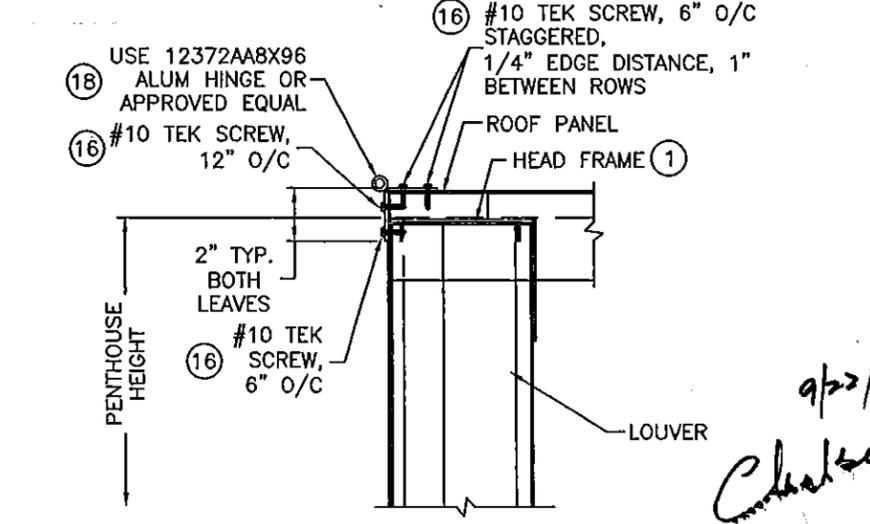


7 PENTHOUSE/CURB CONNECTION DETAIL
NTS



7A PENTHOUSE/INSULATED CURB CONNECTION DETAIL
NTS

6A PENTHOUSE INSTALL (OPTIONAL)
NTS (FOR DETAILS NOT NOTED REF DET 6/-)



8 ROOF FASTENING DETAIL
NTS

9/22/2015
Chelsea

FOR OFFICE USE ONLY

PRODUCT REVISED
in compliance with the Florida
Building Code
Acceptance No. 15-0930-11
Expiration Date 11/20/2018
By: [Signature]
Miami Dade Product Control

NOTE:
REF SHEET 6 FOR DESCRIPTION OF LINE ITEMS (G)

ENGINEER OF RECORD CHELSEA G. WELCH	DRAWN BY: WRT DATE: 6/26/6	CHECKED BY: DJR DATE: 7/7/6	APPROVED BY: DJR DATE: 7/7/6	APPROVED BY: [Blank] DATE: [Blank]
ENGINEERING DISCIPLINE CIVIL/STRUCTURAL	SHEET 4 OF 13 (E)			
REGISTRATION NUMBER FL #67221				

CHANGE LETTER	REVISION DESCRIPTION	DRAWN BY:	CHECKED BY:	APPROVED BY:	APPROVED BY:	DATE
(H)	GENERAL REVISIONS	DLB	KJM	NLT	CGW	9/22/15
(G)	GENERAL REVISIONS	DRP	RKP	DJR		7/19/13
(F)	REVISED SILL PART NUMBER (SHEET 6) & SILL FRAME (SHEET 7)	DRP	RKP	DJR		5/10/13
(E)	ADDED SCREWS & NOTE DUE TO TESTING, REV TITLE BLOCK	DWS	DJR	DJR		9/12/2008
RUSKIN Mfg Grandview, MD		PLOT SCALE NONE		ECN 4621		DWG. NO. 60-022015-00D
TITLE PHB6625D PENTHOUSE DETAILS						

LINE ITEM	SHEET NUMBER	MATERIAL	DESCRIPTION	RUSKIN NUMBER
1	7	Ⓞ 6063-T6 ALUM	LOUVER HEAD FRAME	70-021995-00B Ⓞ
2	7	Ⓞ 6063-T6 ALUM	LOUVER SILL FRAME	70-022627-00B Ⓞ
3	7	Ⓞ 6063-T6 ALUM	LOUVER JAMB FRAME	70-022227-00B Ⓞ
4	7	Ⓞ 6063-T6 ALUM	LOUVER BLADE	70-020748-00B
Ⓞ 5	8	Ⓞ 6063-T5 ALUM	Ⓞ .580"X3.160"X.580"X.080"X84"	RSM7001 Ⓞ
Ⓞ 6	8	Ⓞ 6063-T5 ALUM	Ⓞ .580"X3.160"X.580"X.080"X96"	RSM7001 Ⓞ
7	9	6063-T5 1/8" ALUM Ⓞ	6"X3" RECT. TUBE ROOF SUPPORT	-
8	9	6063-T6 1/8" ALUM	4"X1" RECT. TUBE SUPPORT (SHORT)	-
9	9	6063-T6 1/8" ALUM	4"X1" RECT. TUBE SUPPORT (LONG)	-
Ⓞ 10	9	5005-H34 1/8" ALUM Ⓞ	WATER SEAL	-
Ⓞ 11	10	3003-H14 3/8" ALUM	SPECIAL LIFTING LUG	-
Ⓞ 12	11	5005-H34 .080" ALUM Ⓞ	LEFT HAND CORNER FLASHING	-
Ⓞ 13	11	5005-H34 .080" ALUM Ⓞ	RIGHT HAND CORNER FLASHING	-
14	2	6063-T6 ALUM	2"X2"X1/4"X48" ANGLE	-
Ⓞ 15	-	6063-T5 ALUM	DIAGONAL 1"X1/8" THK. BAR	-
16	-	PLATED STEEL	#10-16 X 1" TEK SCREW	-
17	12	5005-H34 .080" ALUM Ⓞ	PENTHOUSE ROOF SKIN	-
18	12	5052 ALUM	12372AA8X96 HINGE-1/8" THK., 3/8" PIN, 2" KNUCKLE	-
Ⓞ 19	12	Ⓞ 5005-H34 ALUM Ⓞ	1 1/2"X1 1/2"X1/8"X2" CLIP ANGLE	85-020366-00B
Ⓞ 20	-	PLATED STEEL	1/4" X 2 1/2" HHB W/ LOCKWASHER & HEX NUT	-
21	-	PLATED STEEL	3/8" X 1 1/2" HHB W/ WASHER, LOCKWASHER & HEX NUT	-
21A	-	PLATED STEEL	3/8" X 1 1/2" PLATED STEEL SELF TAPPING SCREW	-
Ⓞ 22	13	5005-H34 ALUM Ⓞ	4 7/16"X95 7/8"X.080" HINGED DOOR END PLATE	-
Ⓞ 23	3	5005-H34 ALUM Ⓞ	EXTENDED SILL .125" THK. FORMED	-
Ⓞ 24	3	6063-T6 ALUM	EXTENDED SILL 2"X3"X1/4" ANGLE	-
Ⓞ 25	-	-	BLANKOFF X" X Y" ALUM. SHEET	-

FOR OFFICE USE ONLY

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 15-0630-11
 Expiration Date 11/22/2016
 By: *[Signature]*
 Miami/Dade Product Control

TABLE 2 ⓄXⓄ

BASE MATERIAL	FASTENER TYPE	SPECIAL REQUIREMENT
WOOD FRAME	3/8" DIA. LAG SCREW	3" MIN. EMBEDMENT, 1 1/2" MIN. EDGE DISTANCE, S.G. = 0.42
STEEL DECKING	3/8" DIA. SELF-TAPPING SCREW	9/16" MIN. EDGE DISTANCE, 10 GAUGE MIN. THICKNESS
CONCRETE	3/8" DIA. HILTI KWIK BOLT III EXP. ANCHOR OR EQUAL	2 1/2" MIN. EMBEDMENT AND EDGE DISTANCE, 2000 PSI MIN.

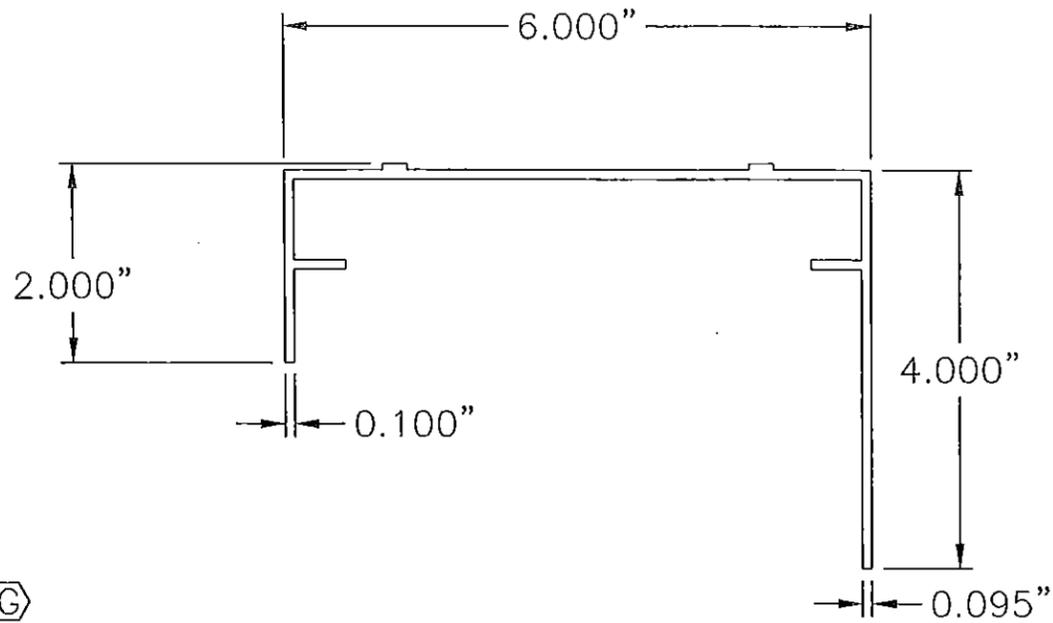
Ⓞ	GENERAL REVISIONS	DLB	KJM	NLT	CGW	9/22/15
Ⓞ	GENERAL REVISIONS	DRP	RKP	DJR		7/19/13
Ⓞ	REVISED SILL PART NUMBER (SHEET 6) & SILL FRAME (SHEET 7)	DRP	RKP	DJR		5/10/13
Ⓞ	CHGD ITM 15 TO DIAG	DWS	DJR	DJR		9/12/2008

CHANGE LETTER	REVISION DESCRIPTION	DWN. BY:	CHK'D. BY:	APPV'D. BY:	APPV'D. BY:	DATE

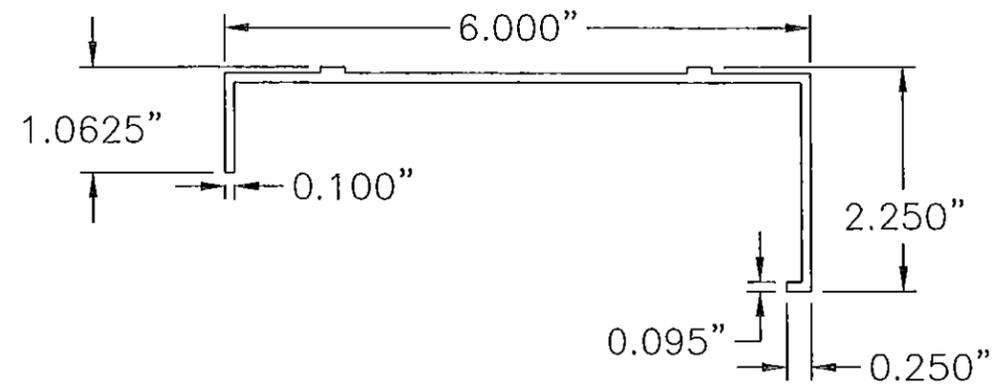
9/22/15
Chelsea G. Welch

ENGINEER OF RECORD	Ⓞ CHELSEA G. WELCH	DWN. BY: WRT	CHK. BY: DJR	APPV'D. BY: DJR	APPV'D. BY:
ENGINEERING DISCIPLINE	Ⓞ CIVIL/STRUCTURAL	DATE: 6/26/6	DATE: 7/7/6	DATE: 7/7/6	DATE:
REGISTRATION NUMBER	Ⓞ FL #67221	SHEET 6 OF 13			

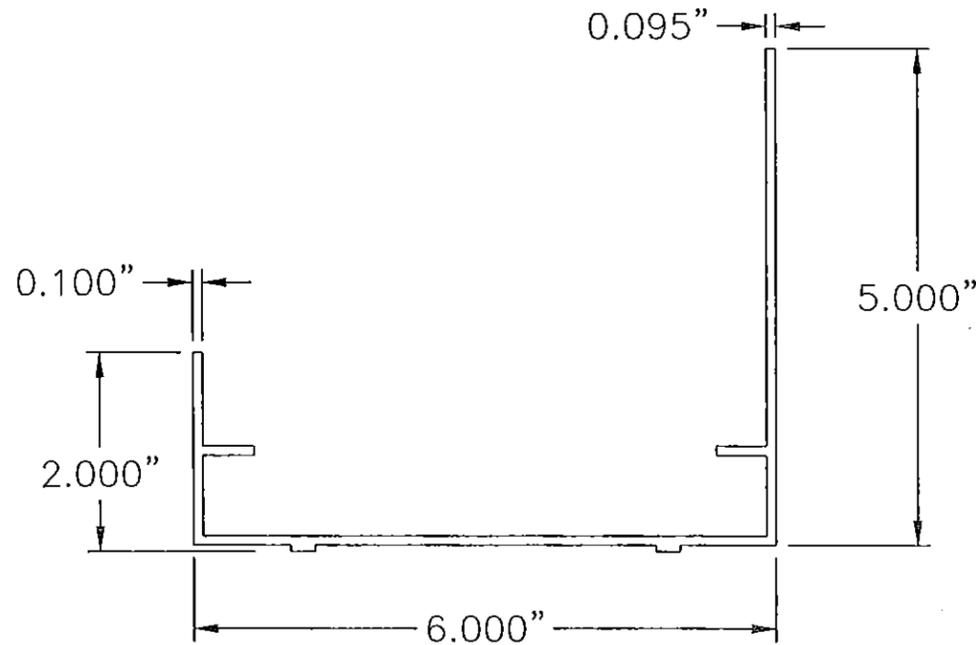
RUSKIN	GRANDVIEW, MO	PLOT SCALE	ECN 4621
TITLE		DWG. NO.	
PHB6625D PENTHOUSE ITEM LIST AND APPROVED ATTACHMENTS TABLE		60-022015-00B	



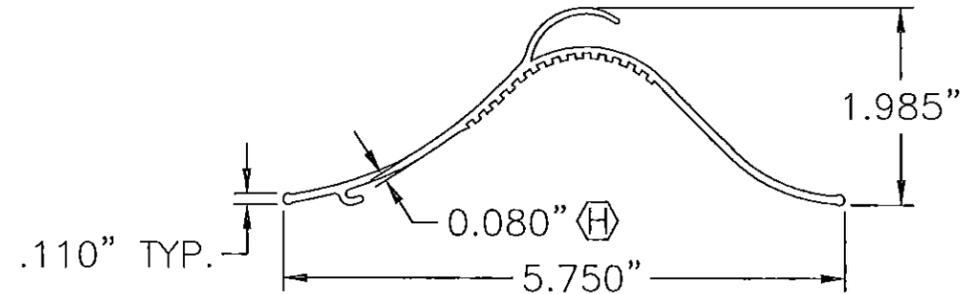
Ⓞ ITEM 1 - LOUVER HEAD FRAME
NTS



Ⓞ ITEM 3 - LOUVER JAMB FRAME
NTS



Ⓞⓕ ITEM 2 - LOUVER SILL FRAME
NTS



Ⓞ ITEM 4 - LOUVER BLADE
NTS

NOTES: Ⓞ
1. REF. SHEET 6 FOR MATERIAL.

Ⓞ	GENERAL REVISIONS	DLB	KJM	NLT	CGW	9/22/15
Ⓞ	GENERAL REVISIONS	DRP	RKP	DJR		7/19/13
ⓕ	REVISED SILL PART NUMBER (SHEET 6) & SILL FRAME (SHEET 7)	DRP	RKP	DJR		5/10/13

CHANGE LETTER	REVISION DESCRIPTION	DWN. BY:	CHK'D. BY:	APPV'D. BY:	APPV'D. BY:	DATE
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RUSKIN	GRANDVIEW, MO	PLOT SCALE	ECN	4621
		NONE		

TITLE	DWG. NO.
PHB6625D PENTHOUSE PART DETAILS	60-022015-00B

FOR OFFICE USE ONLY Ⓞ

PRODUCT REVISED
complying with the Florida
Building Code
Acceptance No 15-0930.11
Expiration Date 11/22/2019
By *[Signature]*
Miami Dade Product Control

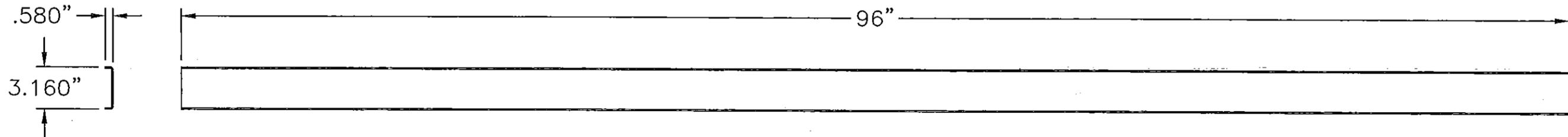
Ⓞ ENGINEER OF RECORD
CHELSEA G. WELCH
Ⓞ ENGINEERING DISCIPLINE
CIVIL/STRUCTURAL
Ⓞ REGISTRATION NUMBER
FL #67221

DWN. BY: WRT	CHK. BY: DJR	APPV'D. BY: DJR	APPV'D. BY:
DATE: 6/26/6	DATE: 7/7/6	DATE: 7/7/6	DATE:

SHEET 7 OF 13



Ⓒ ITEM 5 - .580"x3.160"x.580"x.080"x84"
NTS



Ⓒ ITEM 6 - .580"x3.160"x.580"x.080"x96"
NTS

NOTES: Ⓒ
1. REF. SHEET 6 FOR MATERIAL.

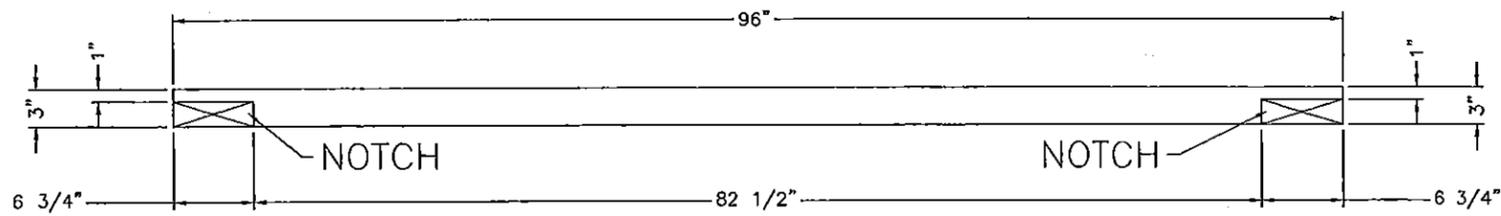
Chelsea G. Welch
9/22/2015

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PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 15-0930.11
Expiration Date 11/20/2018
By *[Signature]*
Miami Dade Product Control

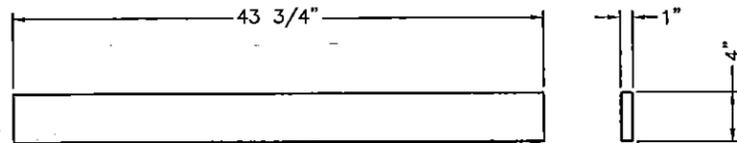
ENGINEER OF RECORD			
Ⓒ CHELSEA G. WELCH			
ENGINEERING DISCIPLINE			
Ⓒ CIVIL/STRUCTURAL			
REGISTRATION NUMBER			
Ⓒ FL #67221			
DWN. BY: WRT	CHK. BY: DJR	APPV'D. BY: DJR	APPV'D. BY:
DATE: 6/26/6	DATE: 7/7/6	DATE: 7/7/6	DATE:
SHEET 8 OF 13			

Ⓒ	GENERAL REVISIONS	DLB	KJM	NLT	CGW	9/22/15
Ⓒ	GENERAL REVISIONS	DRP	RKP	DJR		7/19/13
Ⓒ	REVISED SILL PART NUMBER (SHEET 6) & SILL FRAME (SHEET 7)	DRP	RKP	DJR		5/10/13
CHANGE LETTER	REVISION DESCRIPTION	DWN. BY:	CHK'D. BY:	APPV'D. BY:	APPV'D. BY:	DATE
	RUSKIN GRANDVIEW, MO					
TITLE		PLOT SCALE		ECN 4621		
Ⓒ PHB6625D PART DETAILS		NONE		DWG. NO. 60-022015-00B		



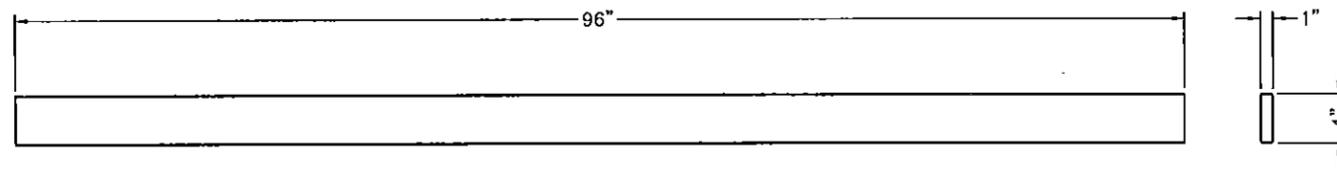
ITEM 7 - 6"X3" ROOF SUPPORT

NTS



ITEM 8 - 4"X1" SUPPORT (SHORT)

NTS



ITEM 9 - 4"X1" SUPPORT (LONG)

NTS

NOTES:

1. REF SHEET 6 FOR MATERIAL. (G)

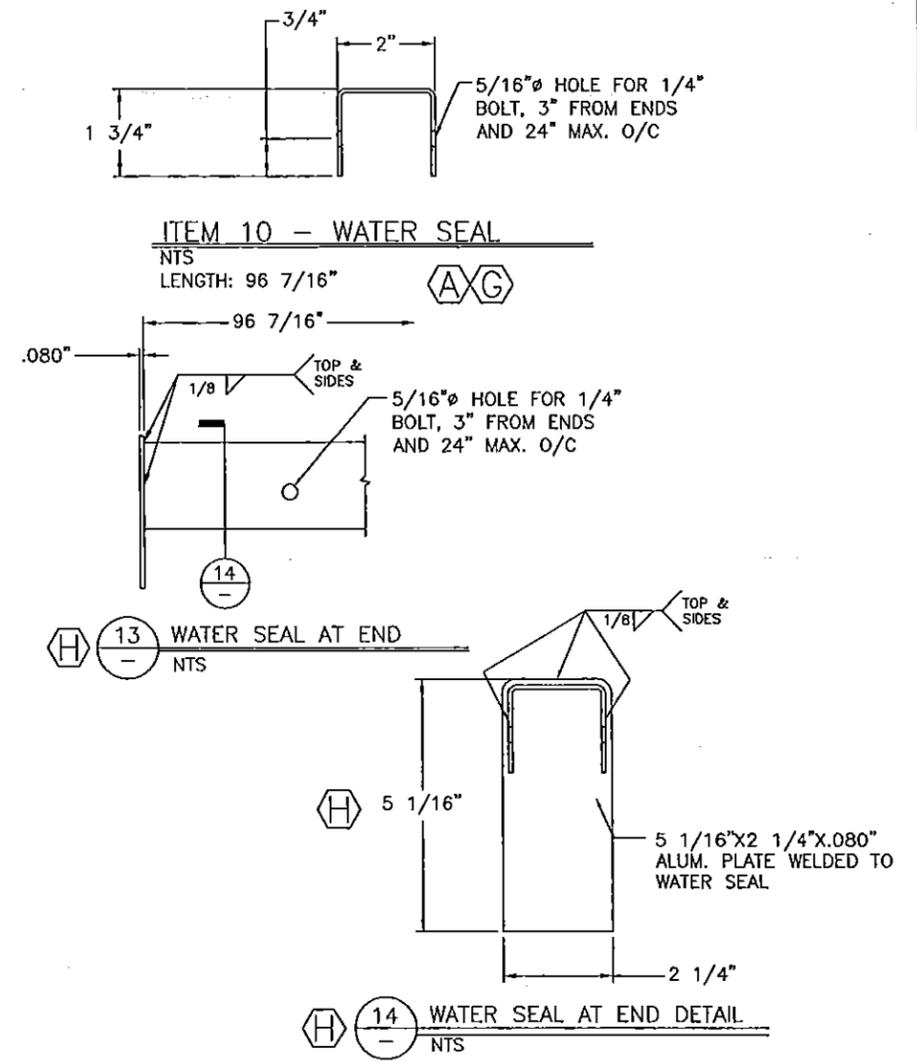
FOR OFFICE USE ONLY

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 15-0030-11
 Expiration Date 11/20/2018
 By [Signature]
 Miami Trade Product Control

Chelsea G. Welch
 9/22/2015

ENGINEER OF RECORD			
(H) CHELSEA G. WELCH			
ENGINEERING DISCIPLINE			
(H) CIVIL/STRUCTURAL			
REGISTRATION NUMBER			
(H) FL #67221			
DWN. BY: WRT	CHK. BY: DJR	APPV'D. BY: DJR	APPV'D. BY:
DATE: 6/25/6	DATE: 7/7/6	DATE: 7/7/6	DATE:
SHEET 9 OF 13			

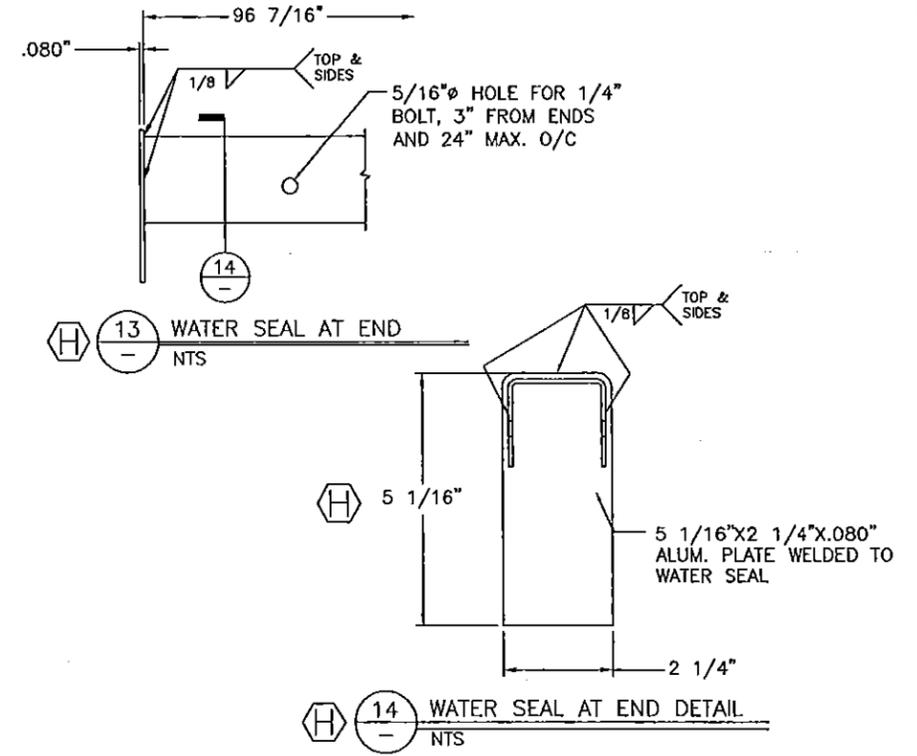
(H)	GENERAL REVISIONS	DLB	KJM	NLT	CGW	9/22/15
(G)	GENERAL REVISIONS	DRP	RKP	DJR		7/19/13
(F)	REVISED SILL PART NUMBER (SHEET 6) & SILL FRAME (SHEET 7)	DRP	RKP	DJR		5/10/13
(A)	CHNG'D DIM. FOR DETAIL (1) TO 96 7/16"	TMH	DWS	DWS		7/19/07
CHANGE LETTER	REVISION DESCRIPTION	DWN. BY:	CHK'D. BY:	APPV'D. BY:	APPV'D. BY:	DATE
	RUSKIN GRANDVIEW, MO					
PLOT SCALE		ECN		4621		
NONE						
TITLE		DWG. NO.				
PHB6625D PENTHOUSE PART DETAILS		60-022015-00B				



ITEM 10 - WATER SEAL

NTS
 LENGTH: 96 7/16"

(A)(G)



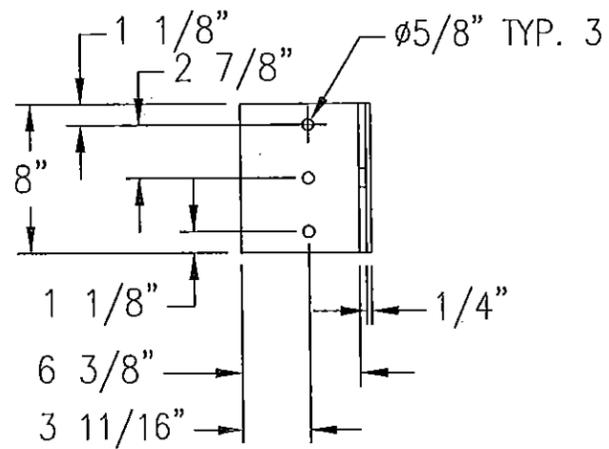
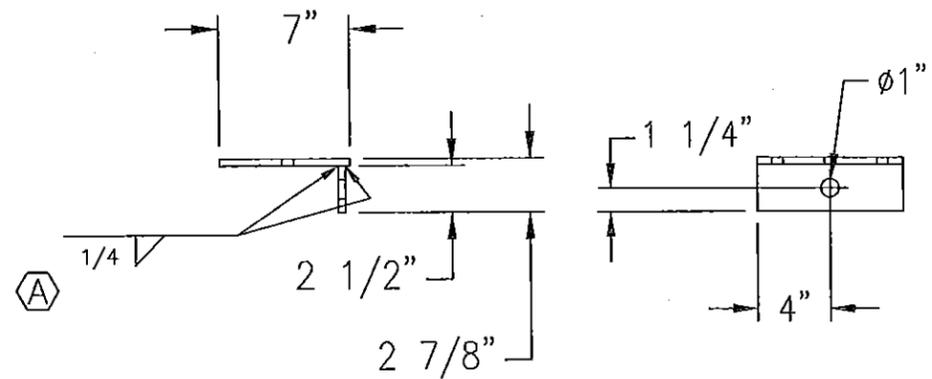
(H) (13)

WATER SEAL AT END
 NTS

(H) (14)

WATER SEAL AT END DETAIL
 NTS

5 1/16" X 2 1/4" X .080" ALUM. PLATE WELDED TO WATER SEAL



ITEM 11 - SPECIAL LIFTING LUG

NTS

NOTES:

1. REF SHEET 6 FOR MATERIAL. $\text{\textcircled{G}}$

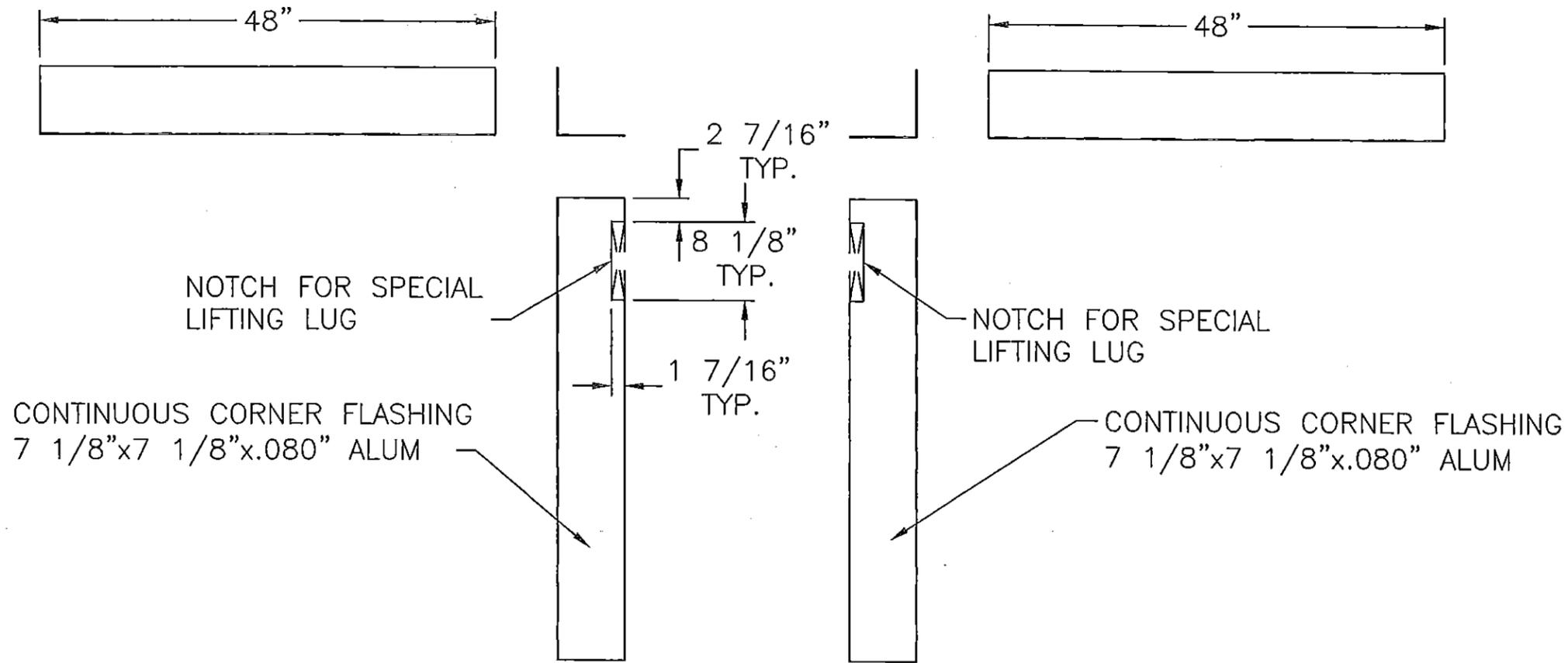
FOR OFFICE USE ONLY

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 15-0520-11
 Expiration Date 11/20/2019
 By *[Signature]*
 Miami Dade Product Control

Chelsea G. Welch
9/22/2015

ENGINEER OF RECORD			
$\text{\textcircled{H}}$ CHELSEA G. WELCH			
ENGINEERING DISCIPLINE			
$\text{\textcircled{H}}$ CIVIL/STRUCTURAL			
REGISTRATION NUMBER			
$\text{\textcircled{H}}$ FL #67221			
DWN. BY: WRT	CHK. BY: DJR	APPV'D. BY: DJR	APPV'D. BY:
DATE: 6/25/6	DATE: 7/7/6	DATE: 7/7/6	DATE:
SHEET 10 OF 13			

$\text{\textcircled{H}}$	GENERAL REVISIONS	DLB	KJM	NLT	CGW	9/22/15
$\text{\textcircled{G}}$	GENERAL REVISIONS	DRP	RKP	DJR		7/19/13
$\text{\textcircled{F}}$	REVISED SILL PART NUMBER (SHEET 6) & SILL FRAME (SHEET 7)	DRP	RKP	DJR		5/10/13
$\text{\textcircled{A}}$	REV'D WELD SIZE ON ITEM 11	DDM	DWS	DJR		5/31/07
CHANGE LETTER	REVISION DESCRIPTION	DWN. BY:	CHK'D. BY:	APPV'D. BY:	APPV'D. BY:	DATE
	RUSKIN	GRANDVIEW,MO	PLOT SCALE		ECN	4621
			NONE			
TITLE		DWG. NO.				
PHB6625D PENTHOUSE PART DETAILS		60-022015-00B				



Ⓞ ITEM 12 – LEFT HAND CORNER FLASHING
NTS

Ⓞ ITEM 13 – RIGHT HAND CORNER FLASHING
NTS

FOR OFFICE USE ONLY

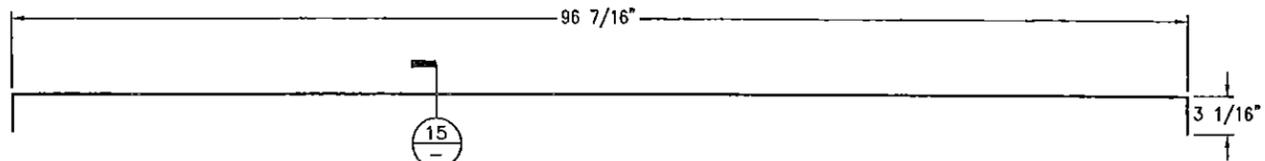
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 15-0930.11
Expiration Date 11/20/2019
By *[Signature]*
Miami Dade Product Control

NOTES:
1. REF SHEET 6 FOR MATERIAL. Ⓞ

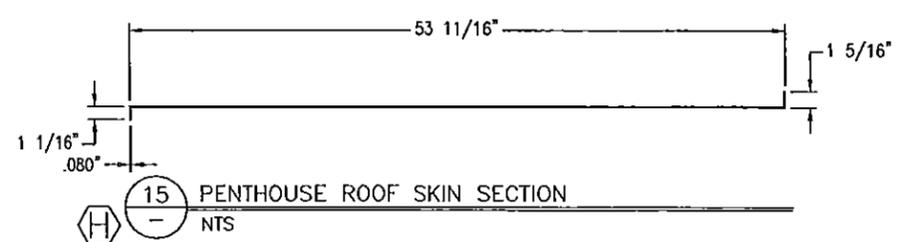
Ⓞ	GENERAL REVISIONS	DLB	KJM	NLT	CGW	9/22/15
Ⓞ	GENERAL REVISIONS	DRP	RKP	DJR		7/19/13
Ⓞ	REVISED SILL PART NUMBER (SHEET 6) & SILL FRAME (SHEET 7)	DRP	RKP	DJR		5/10/13

Chase Welch
9/22/2015

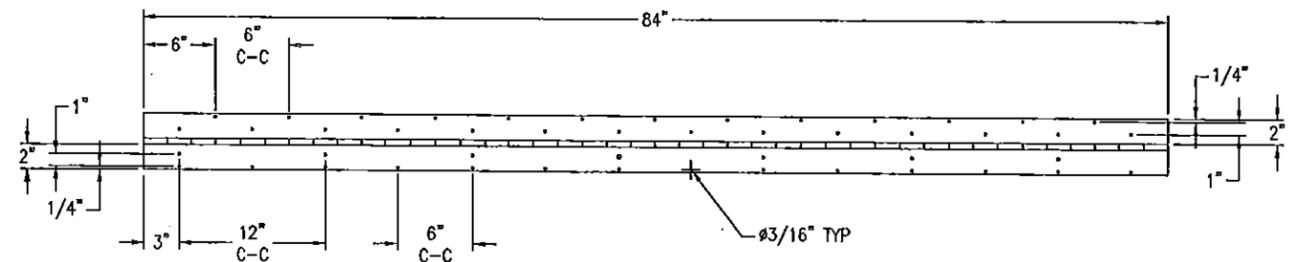
ENGINEER OF RECORD Ⓞ CHELSEA G. WELCH	DWN. BY: WRT DATE: 6/25/6	CHK. BY: DJR DATE: 7/7/6	APPV'D. BY: DJR DATE: 7/7/6	APPV'D. BY:	RUSKIN GRANDVIEW, MO	PLOT SCALE NONE	ECN 4621
ENGINEERING DISCIPLINE Ⓞ CIVIL/STRUCTURAL	SHEET 11 OF 13			TITLE Ⓞ PHB6625D PENTHOUSE PART DETAILS			
REGISTRATION NUMBER Ⓞ FL #67221							



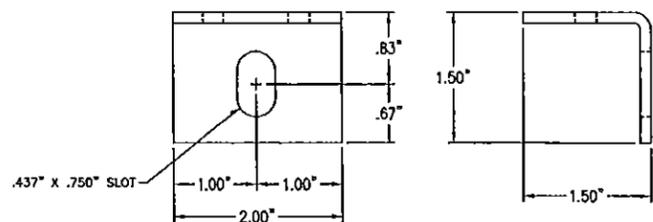
ITEM 17 - PENTHOUSE ROOF SKIN
NTS



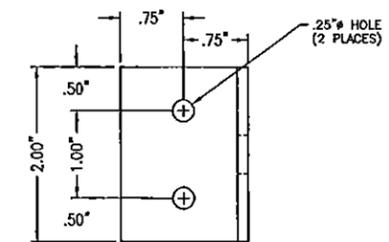
15 PENTHOUSE ROOF SKIN SECTION
NTS



ITEM 18 - HINGE
NTS



ITEM 19 - 1 1/2" X 1 1/2" X 1/8" X 2" CLIP ANGLE
NTS



Chelsea G. Welch
9/22/2015

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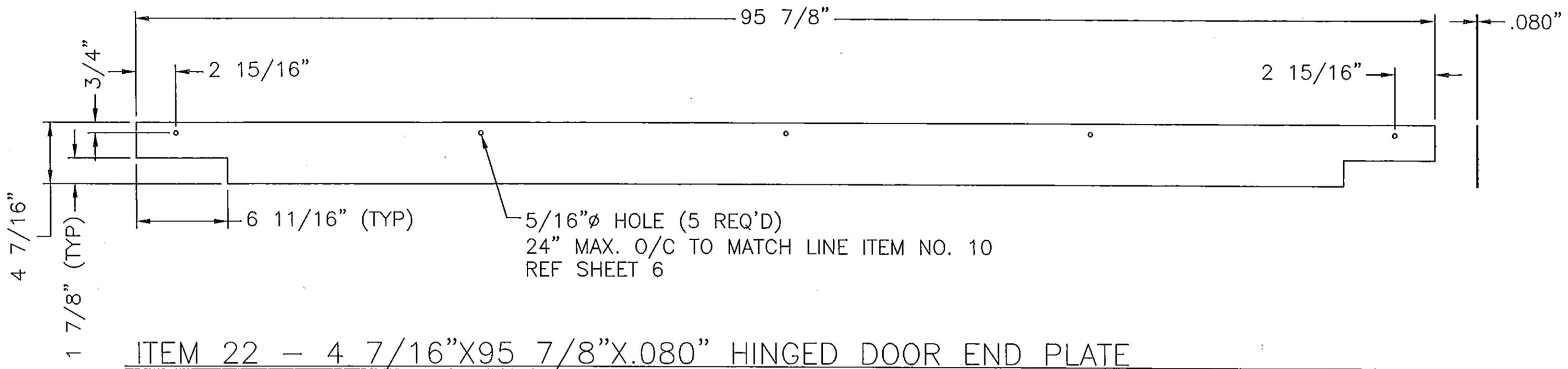
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 15-0330.11
Expiration Date 11/20/2015
By *[Signature]*
Miami/Dade Product Control

CHANGE LETTER	REVISION DESCRIPTION	DWN. BY:	CHK'D. BY:	APPV'D. BY:	APPV'D. BY:	DATE
(H)	GENERAL REVISIONS	DLB	KJM	NLT	CGW	9/22/15
(G)	GENERAL REVISIONS	DRP	RKP	DJR		7/19/13
(F)	REVISED SILL PART NUMBER (SHEET 6) & SILL FRAME (SHEET 7)	DRP	RKP	DJR		5/10/13
(A)	REV'D ITEM 18 HINGE DETAIL	DDM	DWS	DJR		5/31/07

ENGINEER OF RECORD				
(H) CHELSEA G. WELCH				
ENGINEERING DISCIPLINE				
(H) CIVIL/STRUCTURAL				
REGISTRATION NUMBER				
(H) FL #67221				
OWN. BY:	CHK. BY:	APPV'D. BY:	APPV'D. BY:	
WRT	DJR	DJR		
DATE:	DATE:	DATE:	DATE:	
6/26/6	7/7/6	7/7/6		

RUSKIN		GRANDVIEW, MO		PLOT SCALE	
				NONE	
				ECN 4621	
SHEET 12 OF 13				DWG. NO.	
PHB6625D PENTHOUSE PART DETAILS				60-022015-00B	

NOTES:
1. REF SHEET 6 FOR MATERIAL. (G)



ITEM 22 - 4 7/16" X 95 7/8" X .080" HINGED DOOR END PLATE

Ⓜ NTS

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PRODUCT REVISED
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 Building Code
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 Expiration Date 11/22/2018
 By [Signature]
 Miami-Dade Product Control

NOTES:
 1. REF SHEET 6 FOR MATERIAL. Ⓜ

Ⓜ	GENERAL REVISIONS	DLB	KJM	NLT	CGW	9/22/15
Ⓜ	GENERAL REVISIONS	DRP	RKP	DJR		7/19/13
Ⓜ	REVISED SILL PART NUMBER (SHEET 6) & SILL FRAME (SHEET 7)	DRP	RKP	DJR		5/10/13
CHANGE LETTER	REVISION DESCRIPTION	DWN. BY:	CHK'D. BY:	APPV'D. BY:	APPV'D. BY:	DATE

Chelsea G. Welch
 9/22/2015

ENGINEER OF RECORD	DWN. BY: WRT	CHK. BY: DJR	APPV'D. BY: DJR	APPV'D. BY:	RUSKIN GRANDVIEW, MO	PLOT SCALE NONE	ECN 4621
Ⓜ CHELSEA G. WELCH	DATE: 6/25/6	DATE: 7/7/6	DATE: 7/7/6	DATE:			
ENGINEERING DISCIPLINE	SHEET 13 OF 13				TITLE	DWG. NO.	
Ⓜ CIVIL/STRUCTURAL					PHB6625D PENTHOUSE	60-022015-00D	
REGISTRATION NUMBER					Ⓜ PART DETAILS		
Ⓜ FL #67221							