



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) 375-2908

www.miamidade.gov

NOTICE OF ACCEPTANCE (NOA)

Calleja's Accordion Shutters, Inc.
940 West 84th Street
Hialeah, Florida 33014

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: " Roc-Head " Aluminum Accordion Shutter

APPROVAL DOCUMENT: Drawing No. 07-08, titled " Roc-Head Accordion Shutter ", sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated April 05, 2007, last revision #C dated September 16, 2009, signed and sealed by Arshad Viqar, P.E. bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and the 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 #07-0509.04 and consists of this page 1, evidence submitted page E-1 as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



Helmy A. Makar
02/10/2010

NOA No. 09-0929.12
Expiration Date: 09/06/2012
Approval Date: 02/10/2010
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 07-0509.04

A. DRAWINGS:

1. *Drawing No. 07-08, titled " Roc-Head Accordion Shutter ", sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated April 05, 2007, last revision #B dated August 07, 2007, signed and sealed by Humayoun Farooq, P.E.*

B. TESTS:

1. *Test report on Large Missile Impact Test, Cyclic Wind Pressure Test, and Uniform Static Air Pressure Test of Accordion Shutter, prepared by Fenestration Testing Laboratory, Inc., Report No. 07-539, dated 03/30/2007, signed and sealed by Carlos S. Rionda, P.E.*

C. CALCULATIONS:

1. *Comparative Analysis and Anchor calculation, dated May 03, 2007, sheets S1-S4, A1-A30, AP1-AP14, C1-C18, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E.*

D. QUALITY CONTROL

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATION:

1. *Tensile Test Report prepared by Fenestration Testing Laboratory, Inc., Report No. 07-539, dated 04/17/2007, signed and sealed by Carlos S. Rionda, P.E.*

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS:

1. *Drawing No. 07-08, titled " Roc-Head Accordion Shutter ", sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated April 05, 2007, last revision #C dated September 16, 2009, signed and sealed by Arshad Viqar, P.E.*

B. TESTS:

1. *None.*

C. CALCULATIONS:

1. *Anchor calculation, dated 09/28/2010, 70 sheets, prepared by Al-Farooq Corp., signed and sealed by Arshad Viqar, P.E.*

D. QUALITY CONTROL

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATION:

1. *None.*



Helmy A. Makar, P.E., M.S.
Senior Product Control Examiner

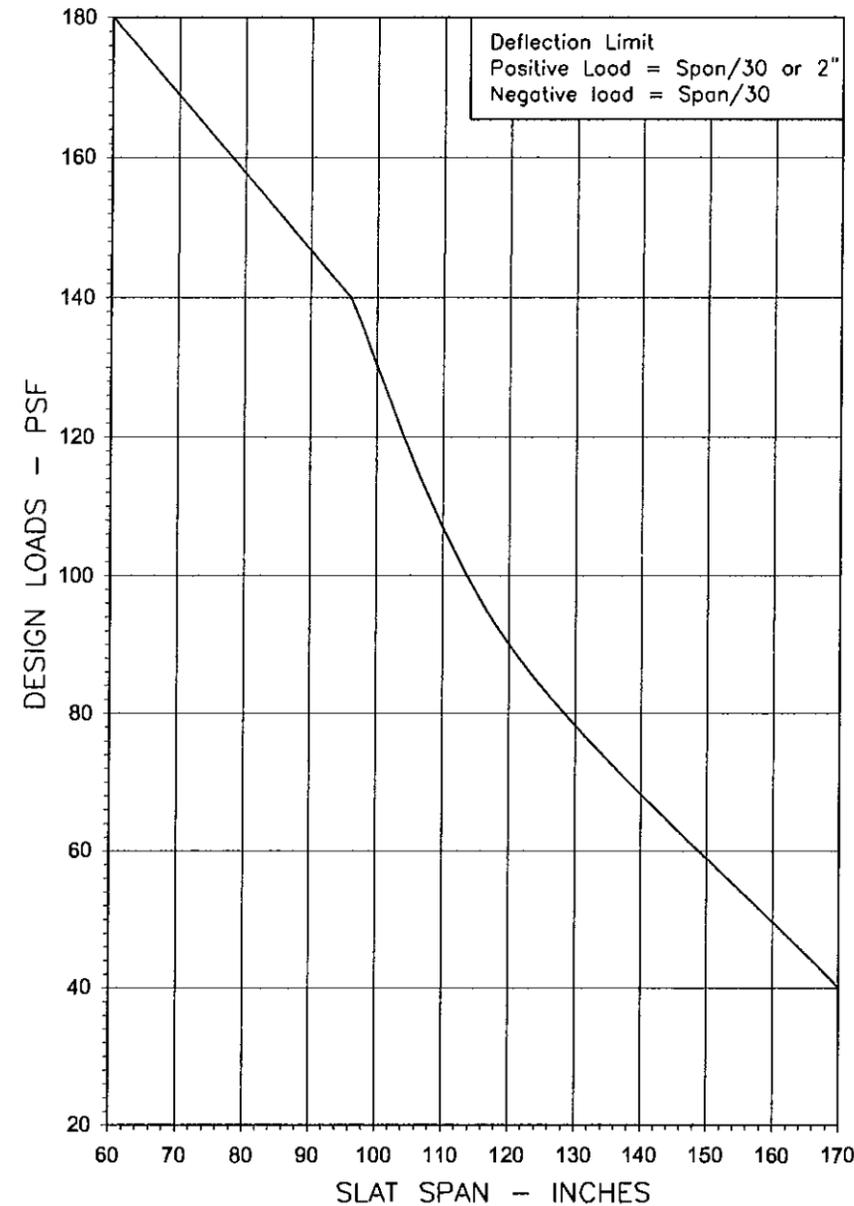
NOA No. 09-0929.12

Expiration Date: 09/06/2012

Approval Date: 02/10/2010

GLASS SEPARATION CHART			
SLAT SPAN	DEFLECTION	MIN. SEPARATION REQD. FROM GLASS	
		DUE TO WIND LOAD	DUE TO LARGE MISSILE IMPACT
60"	.254"	1.250"	2"
96"	1.103"	2.103"	2-7/8"
120"	1.273"	2.273"	3-1/8"
170"	2.296"	3.296"	3-1/8"

FOR INSTALLATIONS UPTO 30' OF GRADE USE MAXIMUM OF WIND LOAD OR IMPACT LOAD REQUIREMENTS SHOWN ABOVE
 FOR INSTALLATIONS ABOVE 30' OF GRADE IGNORE LARGE MISSILE IMPACT REQUIREMENT.
 NOTE: NO PART OF SHUTTER SHALL BE UNDER 30' ABOVE GRADE TO WAIVE LARGE MISSILE IMPACT REQUIREMENT.



USE SLAT PERFORMANCE CHART TO VERIFY SLAT CAPACITY FOR THE REQUIRED DESIGN LOAD FOR THE PARTICULAR LOCATION.

DESIGN LOADS SHALL BE CALCULATED AS PER REQUIREMENTS OF ASCE 7-05.

GENERAL NOTES

1. THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2007 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
2. DESIGN CRITERIA FOR ALUMINUM, MINIMUM MECHANICAL PROPERTIES, AND SAFETY FACTORS ARE IN ACCORDANCE WITH THE "ALUMINUM CONSTRUCTION MANUAL" LATEST EDITION.
3. ALUMINUM ALLOYS: ALL EXTRUSIONS SHALL BE ALLOY AS SHOWN
4. STEEL SURFACES TO BE PLACED IN CONTACT WITH ALUMINUM SHALL BE GIVEN ONE COAT OF ZINC CHROMATE PRIMER IN ACCORDANCE WITH FEDERAL SPEC. NO. TTP-645, OR BE GALVANIZED.
5. ANCHORS SHALL BE AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
6. ALL BOLTS SHALL BE STAINLESS STEEL, ALUMINUM ALLOY 2024-T4 OR 7075-T6, OR PLATED STEEL. WING NUTS TO BE OF ZINC ALLOY.
7. DESIGN CRITERIA FOR SLATS: MAX DEFLECTION \leq THE LESSER OF L/30 OR 2".
8. ANCHORING OR LOADING CONDITIONS OTHER THAN THOSE SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.
9. A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

PRODUCT MARKING

A LABEL SHALL BE AFFIXED ON LOCKING MEMBER OF UNIT ABOVE LOCK WITH THE FOLLOWING STATEMENT.
 CALLEJA'S ACCORDION SHUTTERS, INC., HIALEAH, FL.
 'MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED'

Engr: ARSHAD VIQAR
 CIVIL
 FLA. PE # 38863
 C.A.N. 3538

 SEP 28 2009

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 09-0929.12
 Expiration Date 09/06/2012
 By
 Miami Dade Product Control
 Division

afc

AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978

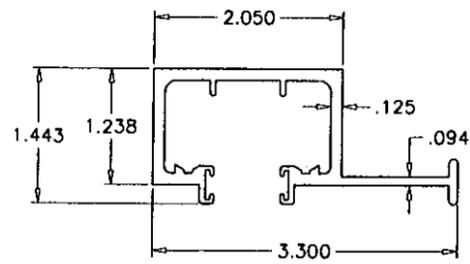
ROC-HEAD ACCORDION SHUTTER
CALLEJA'S ACCORDION SHUTTERS, INC.
 940 WEST 84 STREET
 HIALEAH, FL. 33014
 TEL. (305) 828-1213 FAX. (-)

no	date	by	description
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B	08.07.07		NO CHANGE THIS SHEET
C	09.16.09		GENERAL REVISION

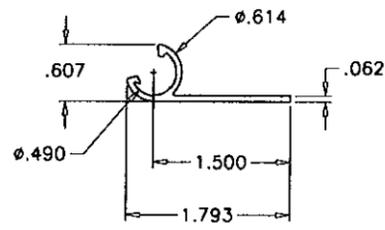
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 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
07-08
 sheet 1 of 7

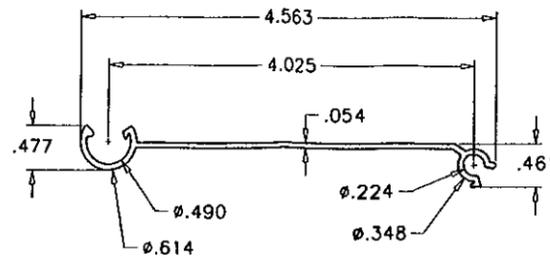
ACCORDION/07-08CAD



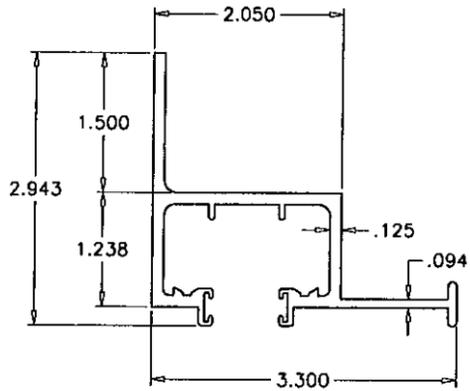
CEILING HEADER
6063-T6



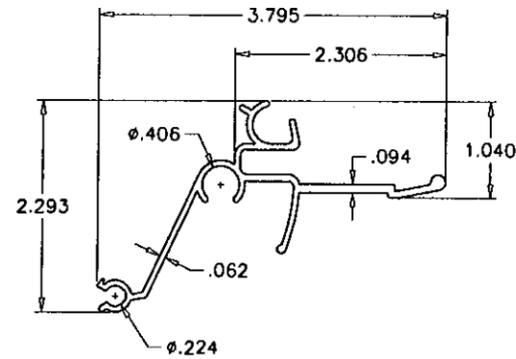
STARTER SLAT
6063-T6



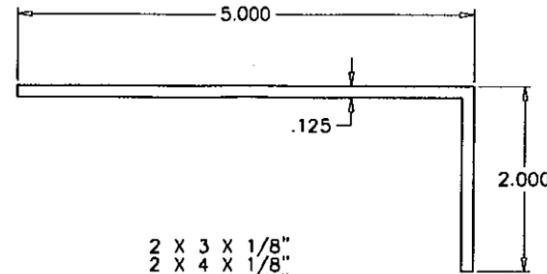
SLAT
6063-T6



WALL HEADER
6063-T6

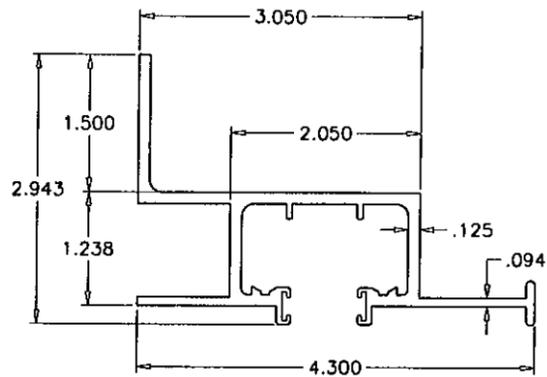


MALE LOCKING SLAT
6063-T6

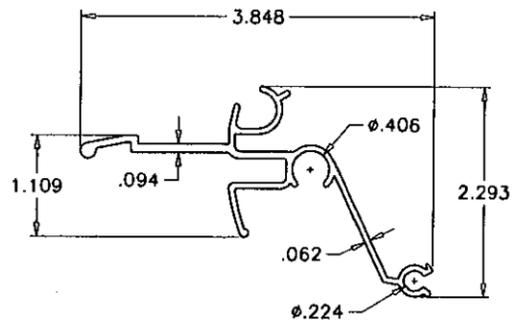


BUILT-OUT ANGLES
6063-T6

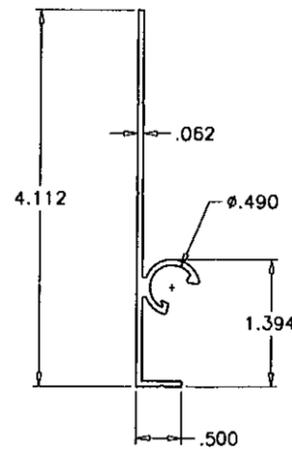
2 X 3 X 1/8"
2 X 4 X 1/8"
2 X 5 X 1/8"



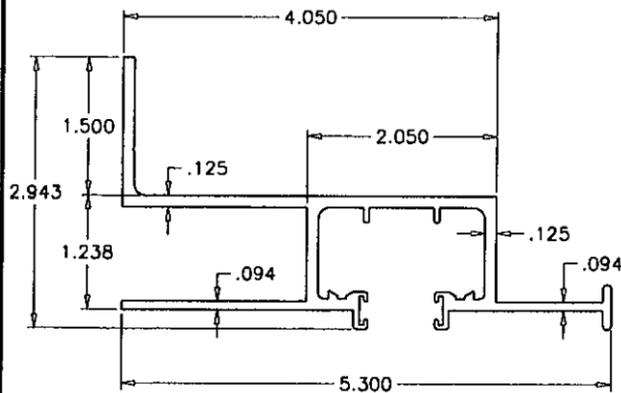
1" WALL HEADER
6063-T6



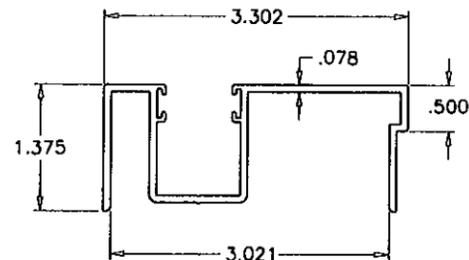
FEMALE LOCKING SLAT
6063-T6



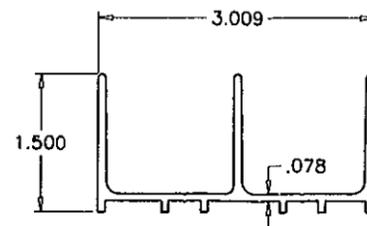
END COVER
6063-T6



2" WALL HEADER
6063-T6



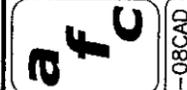
SILL TRACK
6063-T6



SILL TRACK ADAPTER
6063-T6

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 09-0929.12
Expiration Date 09/06/2012
By *Healy A. Nelson*
Miami Dade Product Control
Division

Engr: ARSHAD VIQAR
CIVIL
FLA. PE # 38863
C.A.N. 3538
AV
SEP 28 2009



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978

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CALLEJA'S ACCORDION SHUTTERS, INC.
940 WEST 84 STREET
HIALEAH, FL. 33014
TEL. (305) 828-1213 FAX. (-)

no.	date	by	description
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B	08.07.07		REV. PER BCCO COMMENTS
C	09.16.09		GENERAL REVISION

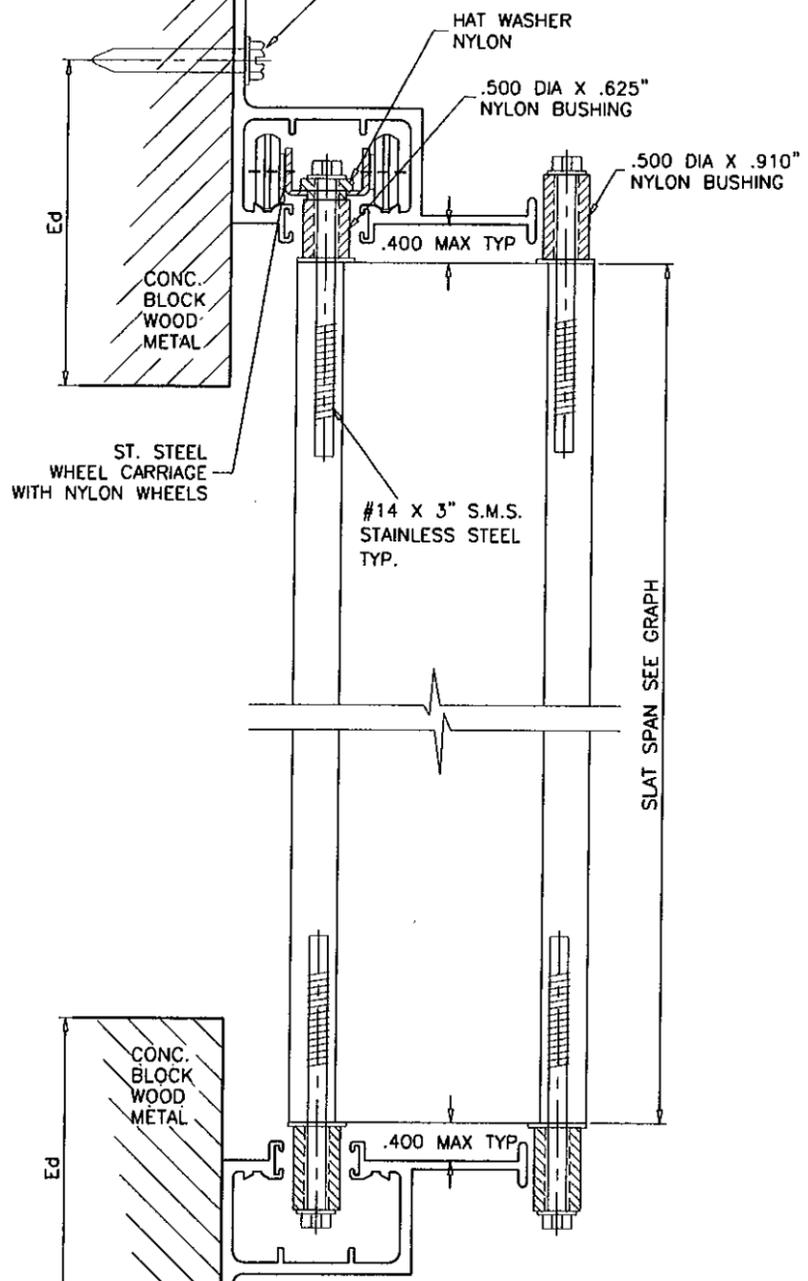
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scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
07-08
sheet 2 of 7

ACCORDION/07-08CAD

WALL MOUNTS

ANCHOR TYPE	CHART TO USE			
	CONC.	BLOCK	WOOD	METAL
A	3	1	-	-
B	3	1	-	-
C	4	2	-	-
D	2	1	-	-
E	-	-	3	-
G	-	-	-	1

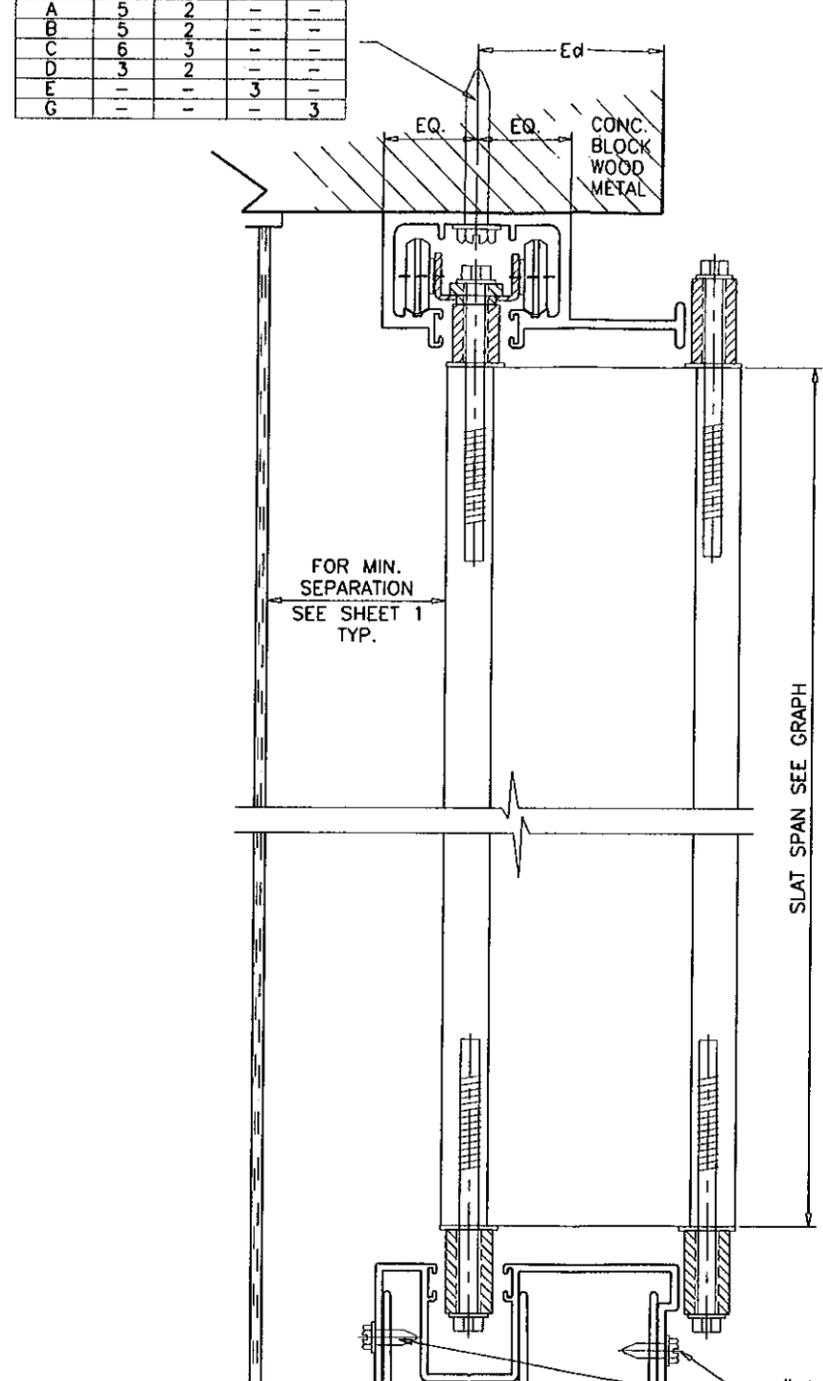


ANCHOR TYPE	CHART TO USE			
	CONC.	BLOCK	WOOD	METAL
A	3	1	-	-
B	3	1	-	-
C	4	2	-	-
D	2	1	-	-
E	-	-	3	-
G	-	-	-	1

SECTION A-A

ANCHOR TYPE	CHART TO USE			
	CONC.	BLOCK	WOOD	METAL
A	5	2	-	-
B	5	2	-	-
C	6	3	-	-
D	3	2	-	-
E	-	-	3	-
G	-	-	-	3

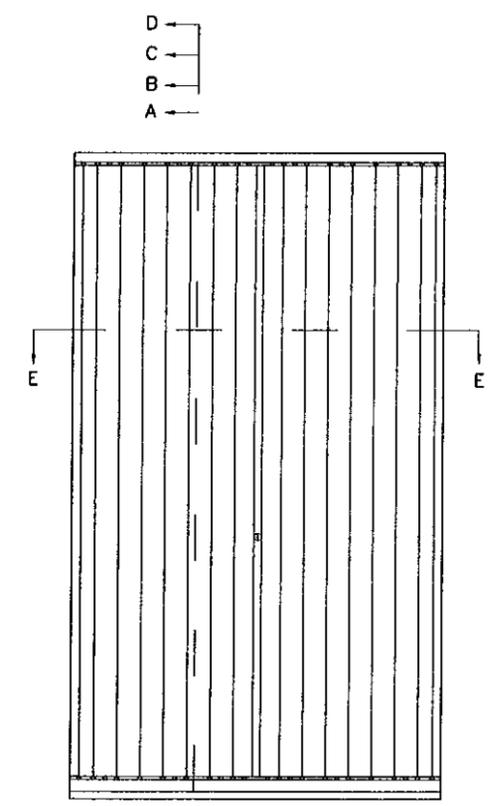
INSIDE MOUNTS



ANCHOR TYPE	CHART TO USE			
	CONC.	BLOCK	WOOD	METAL
A	3	1	-	-
B	4	2	-	-
C	5	2	-	-
D	2	1	-	-
E	-	-	3	-
G	-	-	-	2

SECTION B-B

#12 X 3/4" SELF DRILLING SCREWS AT 9" O.C.



TYPICAL ELEVATION

HEADER AND SILL DETAILS CAN BE USED IN ANY COMBINATIONS.

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No 09-0929.12
 Expiration Date 09/06/2012
 By *Healy A. Nelson*
 Miami Dade Product Control Division

Engr: ARSHAD VIQAR
 CIVIL
 FLA. PE # 38863
 C.A.N. 3538

 SEP 28 2009

FOR GENERAL NOTES AND EXTRUSION DETAILS SEE SHEET 1 OF 7.
 FOR WOOD INSTALLATIONS SEE SHEET 6 OF 7.
 FOR ANCHOR CHARTS SEE SHEET 7 OF 7.

Ed = TYPICAL EDGE DISTANCE
 CONC. & BLOCK = 10d (10 ANCHOR DIAMETERS)
 WOOD = 4d
 FOR LESSER EDGE DISTANCES SEE SHEET 7 OF 7.

ANCHORS: EMBEDMENT & EDGE DISTANCES SHOWN ARE BEYOND THE WALL & FLOOR COVERING (STUCCO, TILES, ETC.)

af c
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 ACCORDION/07-08CAD

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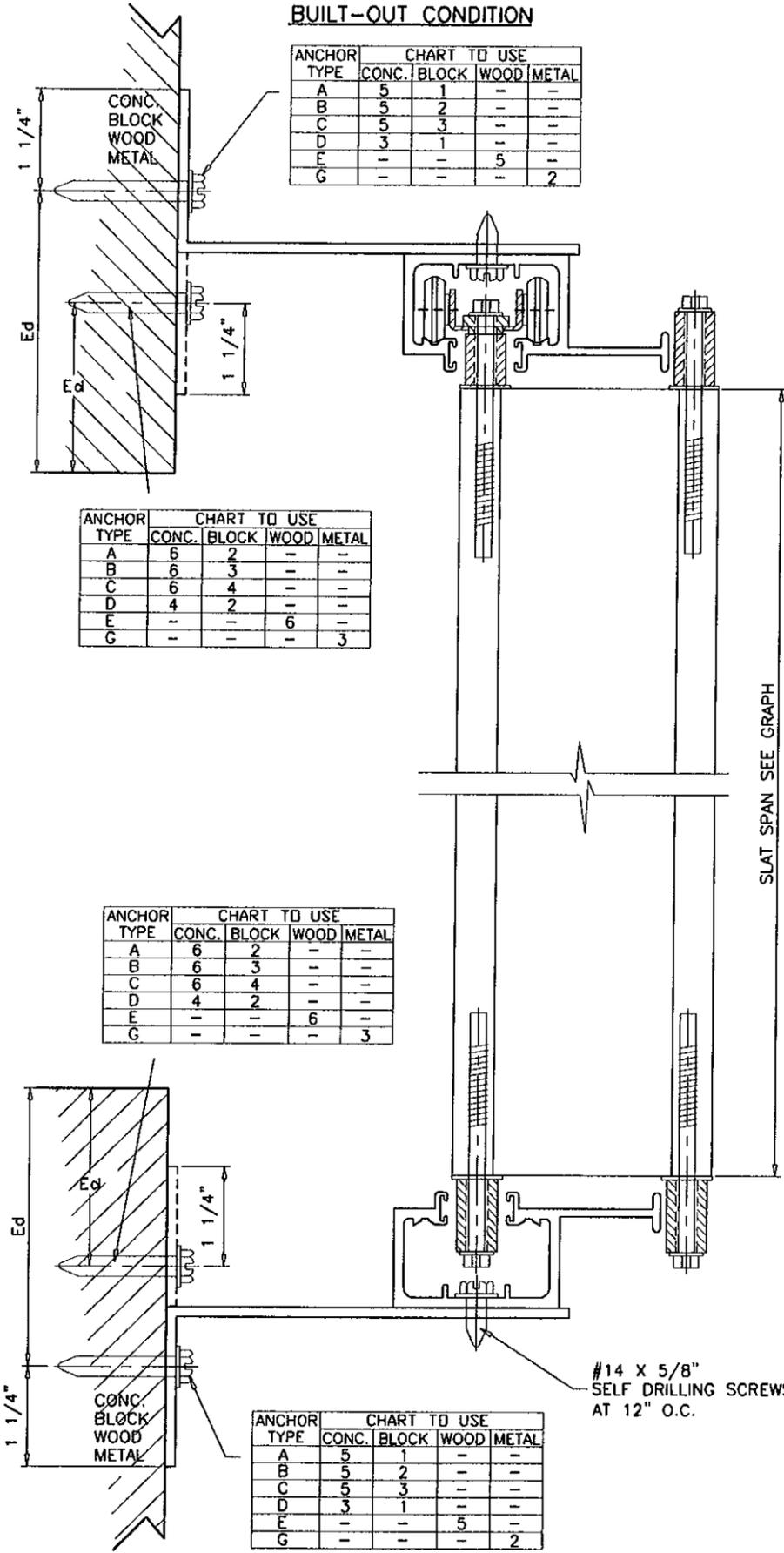
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 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
07-08
 sheet 3 of 7

BUILT-OUT CONDITION

BUILT-OUT CONDITION

BUILT-OUT CONDITION



ANCHOR TYPE	CHART TO USE			
	CONC.	BLOCK	WOOD	METAL
A	5	1	-	-
B	5	2	-	-
C	5	3	-	-
D	3	1	-	-
E	-	-	5	-
F	-	-	-	2

ANCHOR TYPE	CHART TO USE			
	CONC.	BLOCK	WOOD	METAL
A	3	1	-	-
B	3	1	-	-
C	4	2	-	-
D	2	1	-	-
E	-	-	3	-
F	-	-	-	1

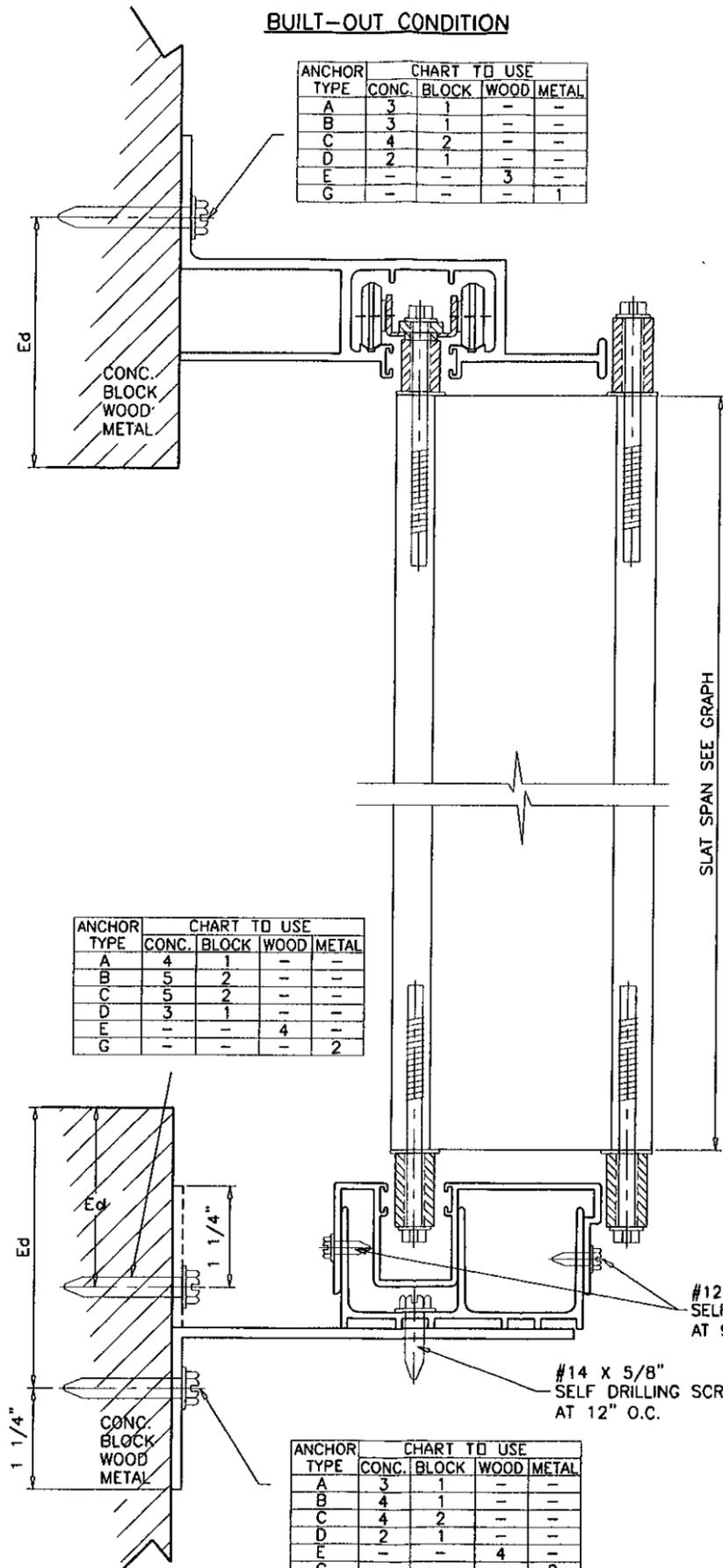
ANCHOR TYPE	CHART TO USE			
	CONC.	BLOCK	WOOD	METAL
A	3	1	-	-
B	3	1	-	-
C	4	2	-	-
D	2	1	-	-
E	-	-	3	-
F	-	-	-	1

ANCHOR TYPE	CHART TO USE			
	CONC.	BLOCK	WOOD	METAL
A	6	2	-	-
B	6	3	-	-
C	6	4	-	-
D	4	2	-	-
E	-	-	6	-
F	-	-	-	3

ANCHOR TYPE	CHART TO USE			
	CONC.	BLOCK	WOOD	METAL
A	6	2	-	-
B	6	3	-	-
C	6	4	-	-
D	4	2	-	-
E	-	-	6	-
F	-	-	-	3

ANCHOR TYPE	CHART TO USE			
	CONC.	BLOCK	WOOD	METAL
A	5	1	-	-
B	5	2	-	-
C	5	3	-	-
D	3	1	-	-
E	-	-	5	-
F	-	-	-	2

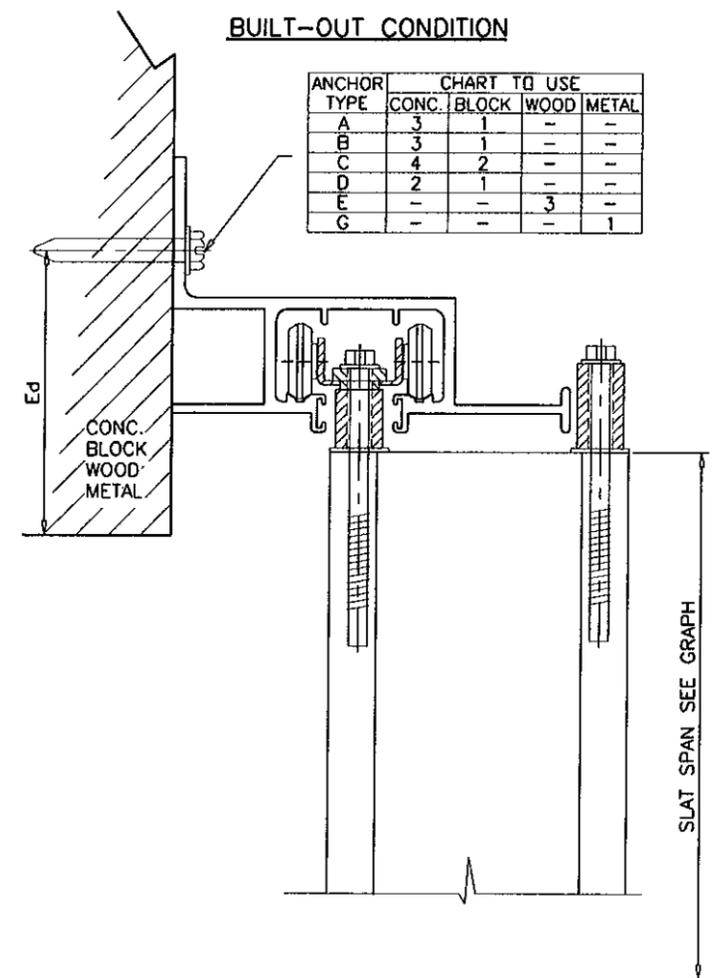
SECTION C-C



ANCHOR TYPE	CHART TO USE			
	CONC.	BLOCK	WOOD	METAL
A	4	1	-	-
B	5	2	-	-
C	5	2	-	-
D	3	1	-	-
E	-	-	4	-
F	-	-	-	2

ANCHOR TYPE	CHART TO USE			
	CONC.	BLOCK	WOOD	METAL
A	3	1	-	-
B	4	1	-	-
C	4	2	-	-
D	2	1	-	-
E	-	-	4	-
F	-	-	-	2

SECTION D-D



ANCHOR TYPE	CHART TO USE			
	CONC.	BLOCK	WOOD	METAL
A	3	1	-	-
B	3	1	-	-
C	4	2	-	-
D	2	1	-	-
E	-	-	3	-
F	-	-	-	1

SLAT SPAN SEE GRAPH

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 Miami Dade Product Control Division

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 SEP 28 2009

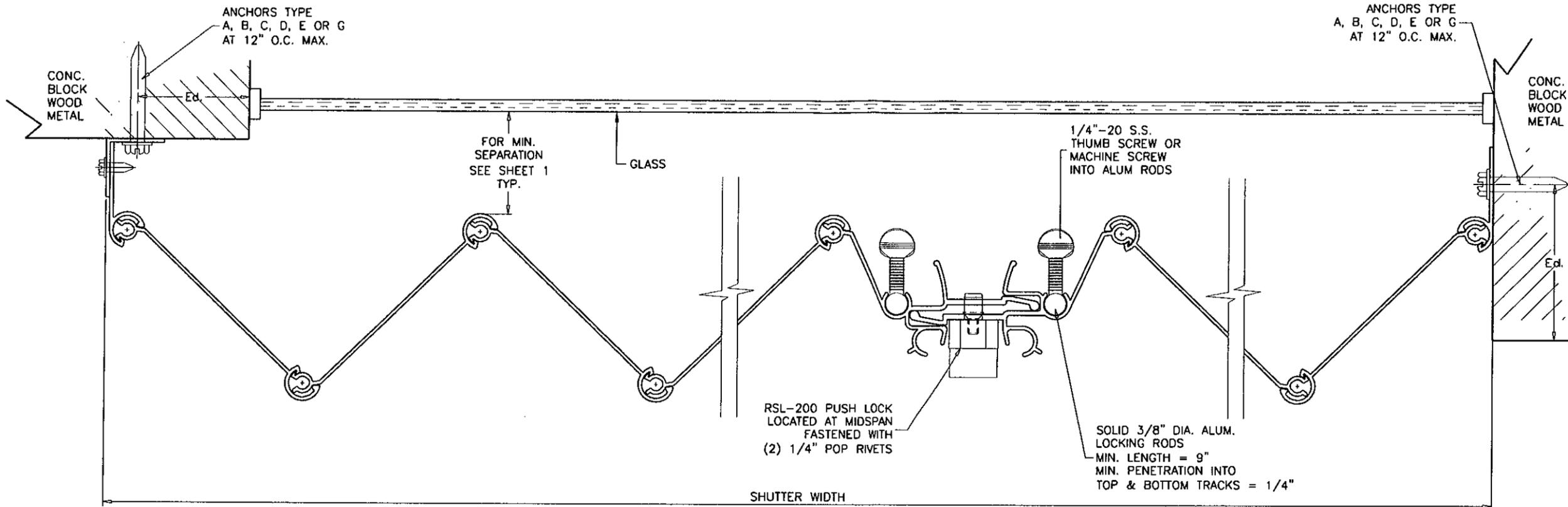
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AL-FAROOQ CORPORATION
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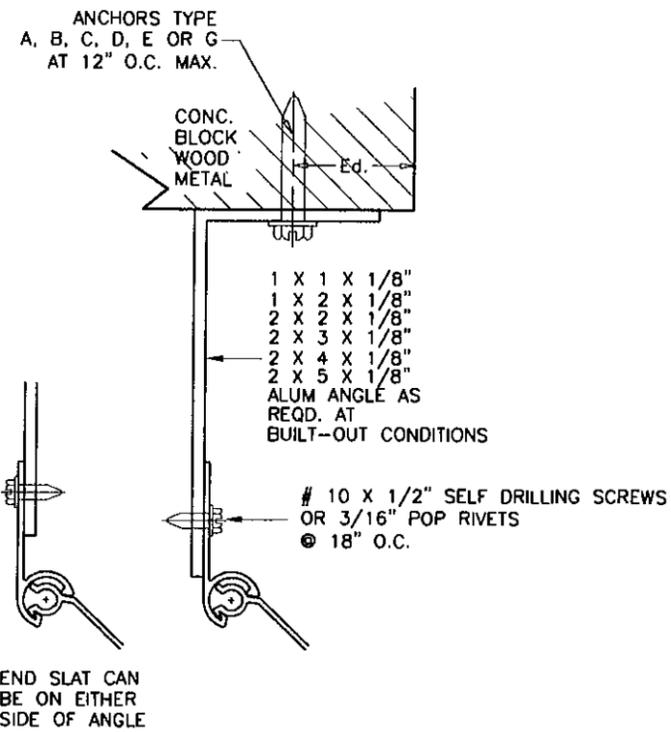
no	date	by	description
A	06.01.07		NO CHANGE THIS SHEET
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C	09.16.09		GENERAL REVISION

date: 04-05-07	scale: 1/2" = 1"	dr. by: HAMID	chk. by:
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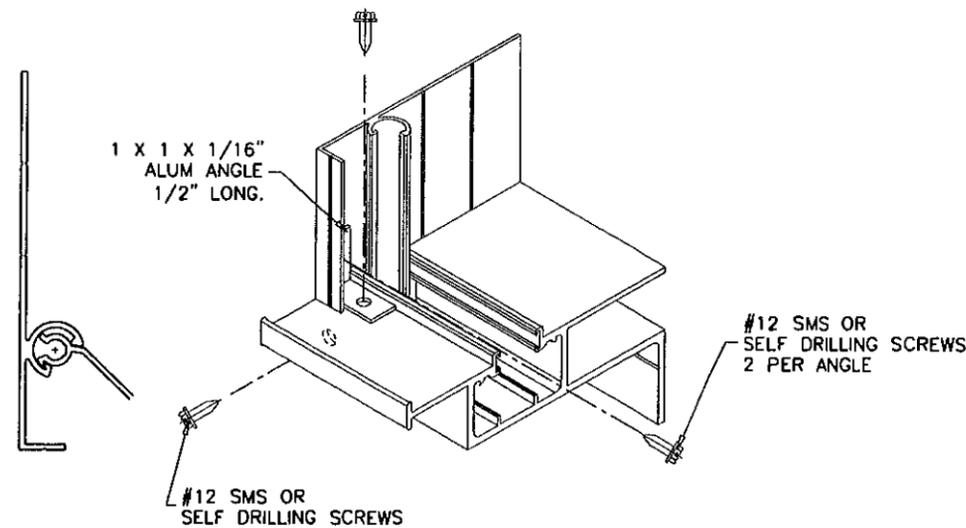
drawing no. 07-08
sheet 4 of 7



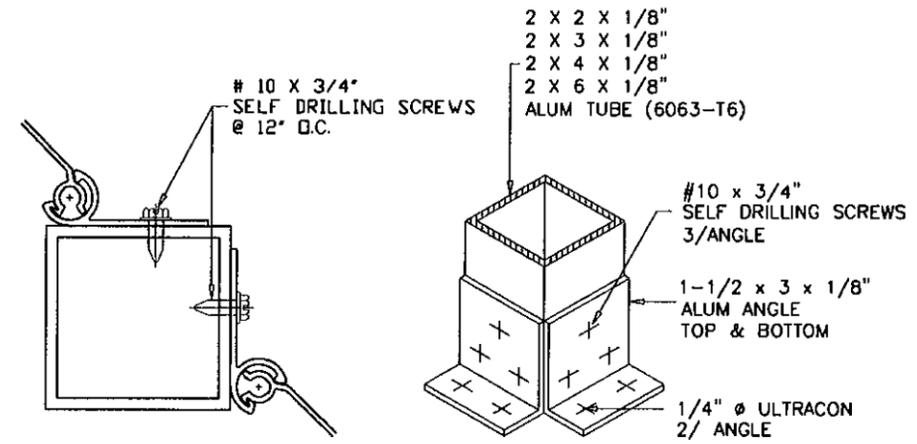
SECTION E-E



END CONDITION AT BUILT-OUT



END COVER DETAIL



FIXED CORNER DETAIL

Engr: ARSHAD VIQAR
 CIVIL
 FLA. PE # 38863
 C.A.N. 3538

[Signature]

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 Expiration Date 09/06/2012

By *[Signature]*
 Miami Dade Product Control
 Division

afc

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ROC-HEAD ACCORDION SHUTTER

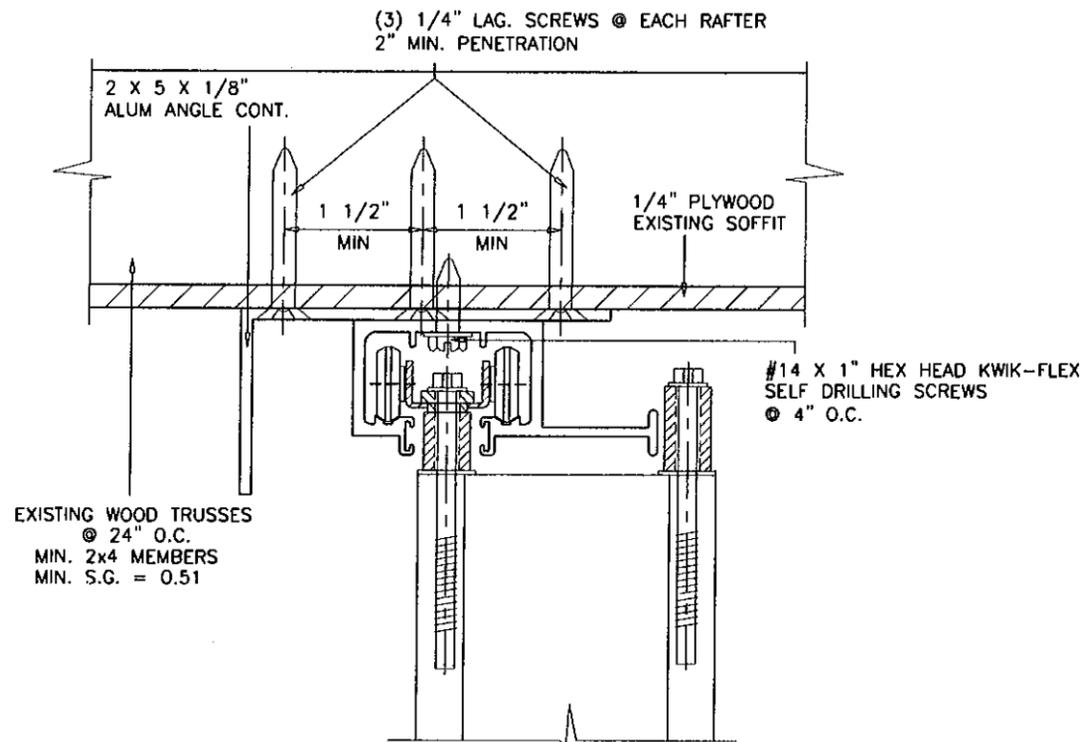
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date:	04-05-07
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dr. by:	HAMID
chk. by:	

drawing no.
07-08
 sheet 5 of 7

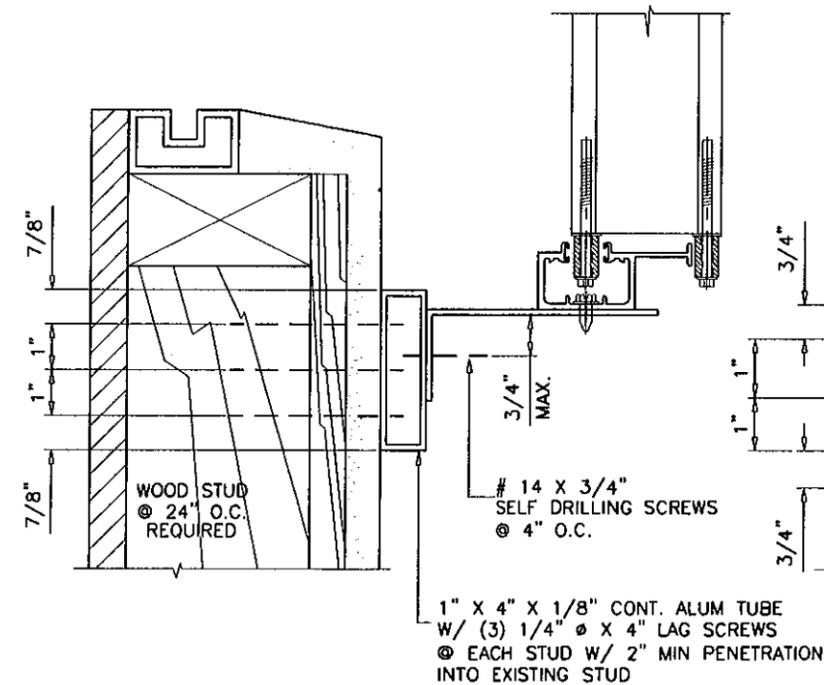
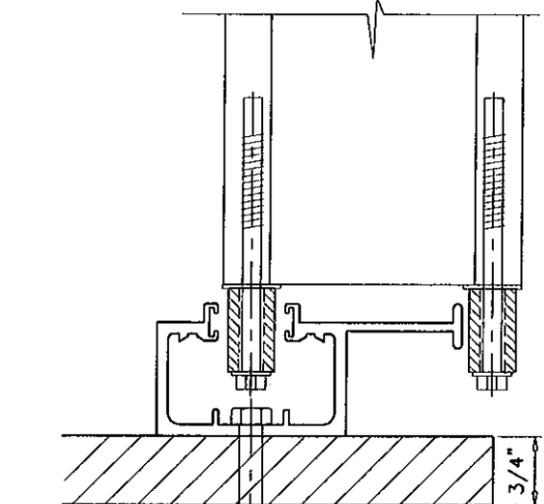
ACCORDION/07-08CAD



EXISTING WOOD TRUSSES
@ 24" O.C.
MIN. 2x4 MEMBERS
MIN. S.G. = 0.51

HEADER CONNECTION TO WOOD TRUSSES

FOR SHUTTER HEIGHT OF 72" MAX. DESIGN LOAD = 93 PSF
FOR SHUTTER HEIGHT OF 84" MAX. DESIGN LOAD = 80 PSF
FOR SHUTTER HEIGHT OF 96" MAX. DESIGN LOAD = 70 PSF
FOR SHUTTER HEIGHT OF 108" MAX. DESIGN LOAD = 62 PSF

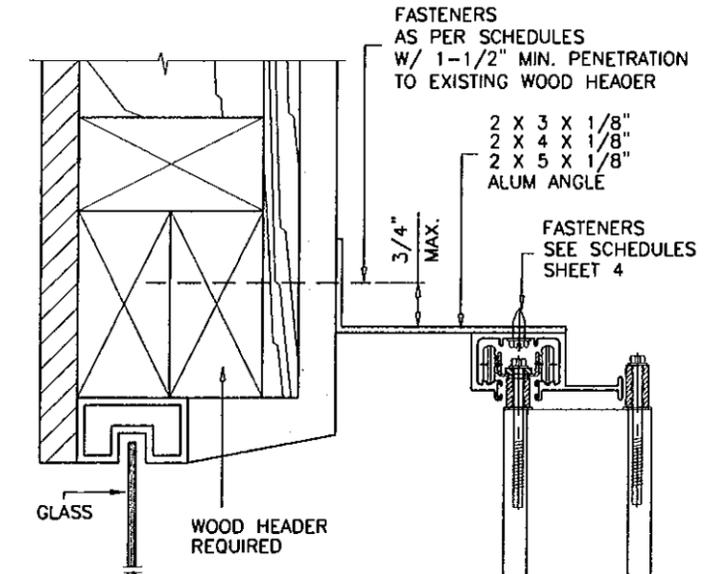


FOR SHUTTER HEIGHT OF 84" MAX. DESIGN LOAD = 80 PSF
FOR SHUTTER HEIGHT OF 96" MAX. DESIGN LOAD = 70 PSF
FOR SHUTTER HEIGHT OF 108" MAX. DESIGN LOAD = 62 PSF
FOR SHUTTER HEIGHT OF 120" MAX. DESIGN LOAD = 56 PSF

INSTALLATION DETAIL ON EXISTING WOOD BUCKS SCALE: 1/4"=1"

ABOVE DETAILS SHOWS CONNECTION OF 2X4 BUCK & 1X4 ALUM TUBE TO WOOD STUDS TO PROVIDE A CONTINUOUS SURFACE FOR SHUTTER INSTALLATION.

FOR INSTALLATION DETAILS OF HEADER/SILL TO CONTINUOUS WOOD MEMBERS SEE SHEETS 3 THRU 4.



FASTENERS
AS PER SCHEDULES
W/ 1-1/2" MIN. PENETRATION
TO EXISTING WOOD HEADER

2 X 3 X 1/8"
2 X 4 X 1/8"
2 X 5 X 1/8"
ALUM ANGLE

FASTENERS
SEE SCHEDULES
SHEET 4

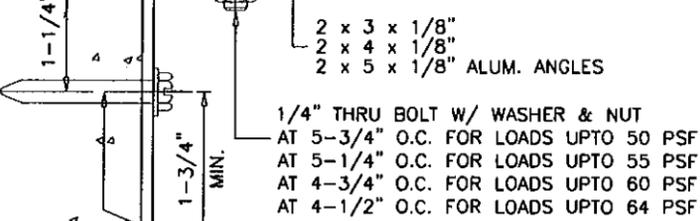
GLASS
WOOD HEADER
REQUIRED

FASTENERS
SEE SCHEDULES
SHEET 3

2" X 4" CONT.
W/ (3) 1/4" Ø X 5" LAG SCREWS
@ EACH STUD W/ 2" MIN PENETRATION
INTO EXISTING STUD

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 09-0929.12
Expiration Date 09/26/2012

By *Helmy A. Helmy*
Miami Dade Product Control
Division



COUNTER TOP CONDITION
(PASS THRU WINDOW)
MAX SHUTTER HEIGHT = 6 FT.

ANCHOR TYPE	ANCHOR SPACING INCHES							
	UPTO 50 PSF		UPTO 55 PSF		UPTO 60 PSF		UPTO 64 PSF	
	CONC	BLK	WOOD	METAL	CONC	BLK	WOOD	METAL
A	6.7	2.5	-	-	6.1	-	-	5.6
B	7.4	3	-	-	6.7	2.7	-	6.1
E	-	-	9	-	-	9	-	9
G	-	-	-	6.7	-	-	6.1	-

Engr: ARSHAD VIQAR
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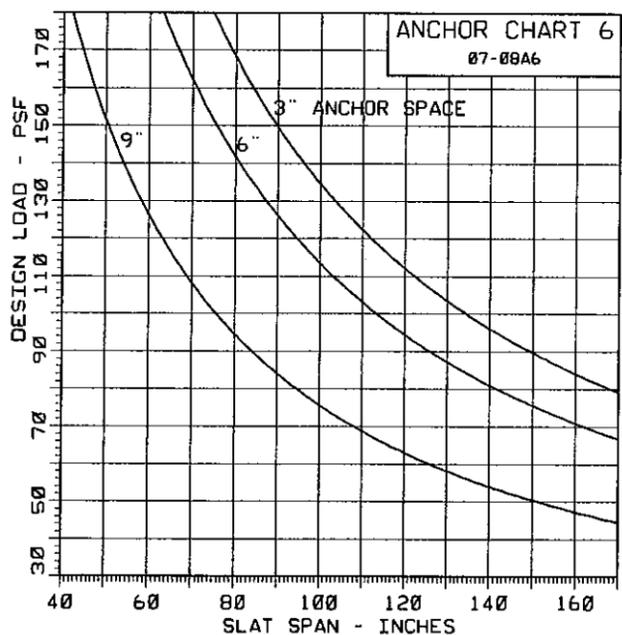
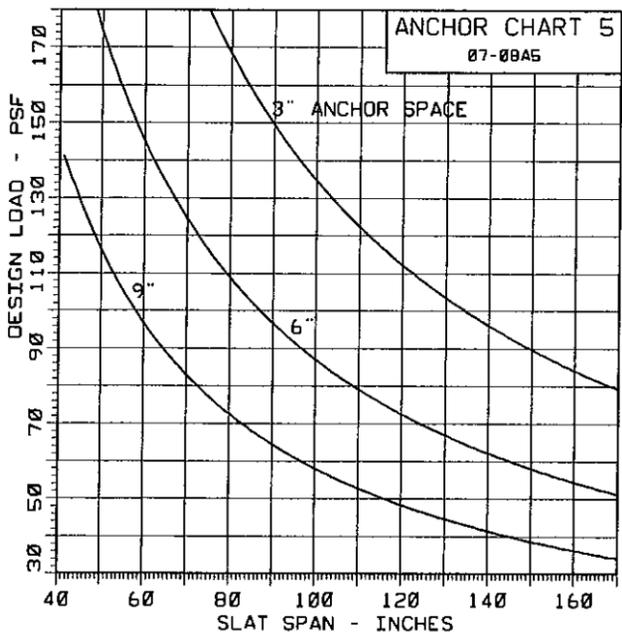
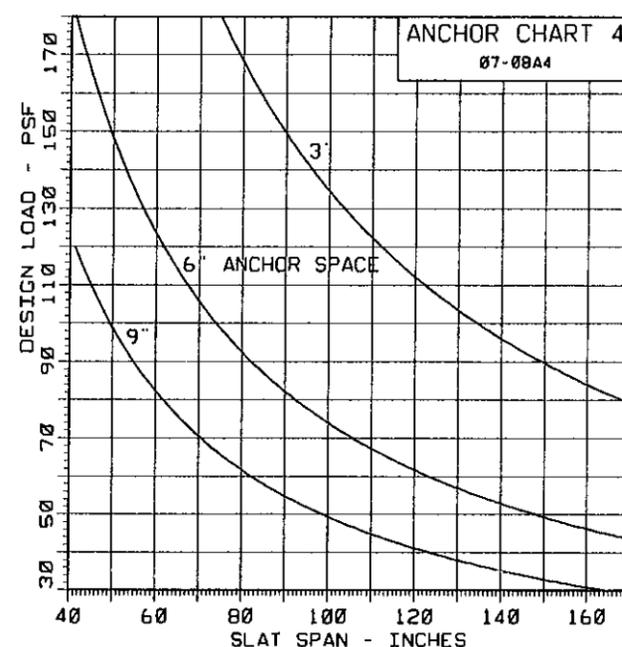
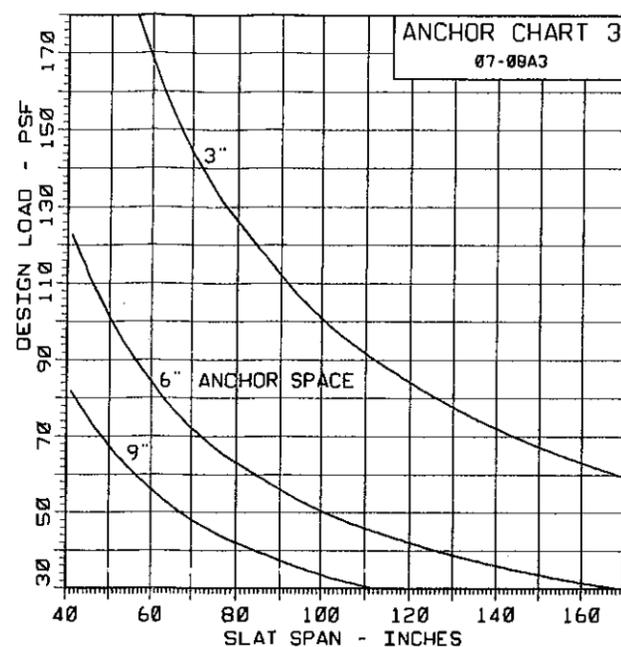
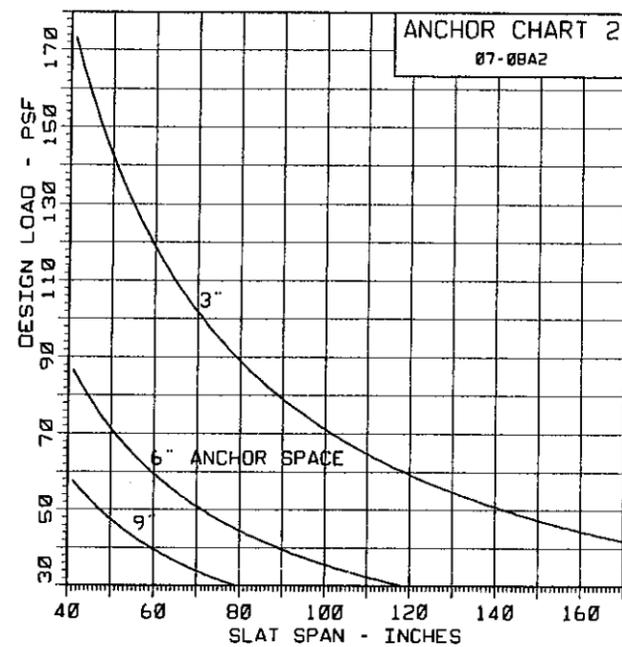
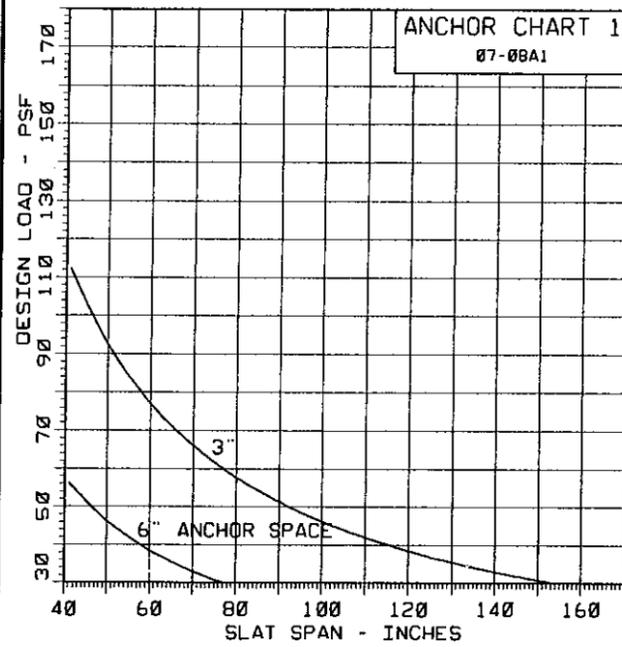
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
ACCORDION/07-08CAD

ROC-HEAD ACCORDION SHUTTER
CALLEJA'S ACCORDION SHUTTERS, INC.
940 WEST 84 STREET
HIALEAH, FL. 33014
TEL (305) 828-1213 FAX (-)

no.	date	by	description
A	06.01.07		NO CHANGE THIS SHEET
B	08.07.07		NO CHANGE THIS SHEET
C	09.16.09		GENERAL REVISION

date: 04-05-07
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
07-08
sheet 6 of 7



ALL TRACK ANCHORS AT 3 IN. FROM ENDS AND SPACED AS PER CHARTS

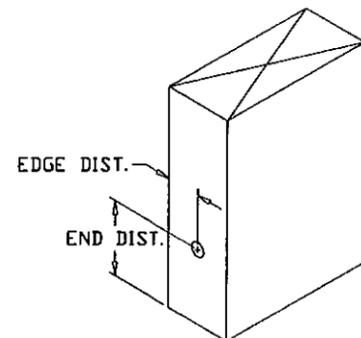
TYPICAL ANCHORS:

- ANCHOR (A) = 1/4" DIA. ULTRACON (BY ELCO)
1-3/4" EMBEDMENT INTO 3000 PSI CONC.
1-1/4" EMBEDMENT INTO C-90 BLOCK
- ANCHOR (B) = 1/4" DIA. KWIKCON II (BY HILTI)
1-3/4" EMBEDMENT INTO 3000 PSI CONC.
1-1/4" EMBEDMENT INTO C-90 BLOCK
- ANCHOR (C) = 5/16" DIA. ULTRACON (BY ELCO)
1-3/4" EMBEDMENT INTO 3000 PSI CONC.
1-1/4" EMBEDMENT INTO C-90 BLOCK
- ANCHOR (D) = 1/4" RAWL CALK-IN
TOTAL ANCHOR BODY INTO 3000 PSI CONC.
OR C-90 BLOCK
2" MIN. EDGE DISTANCE
- ANCHOR (E) = 1/4" DIA. LAG SCREWS
1-1/2" MIN PENETRATION INTO WOOD(S.G.=0.55)
- ANCHOR (G) = 1/4" DIA. KWIK-FLEX SELF DRILLING SCREWS
INTO METAL STRUCTURES
(STEEL OR ALUMINUM 1/8" MIN. THICK.)

NOTE: ANCHORS EMBEDMENT SHOWN IS BEYOND WALL & FLOOR COVERINGS (STUCCO, TILES, ETC.)

FASTENER SPACING IN MASONRY/CONCRETE				
CHARTS ARE BASED ON TYPICAL EDGE DISTANCE = 10d. FOR LESSER EDGE DISTANCE DECREASE SPACING BY MULTIPLYING WITH THE FACTOR BELOW				
EDGE DIST.	10d=2-1/2"	8d=2"	6d=1-1/2"	5d=1-1/4"
FACTOR	1.00	0.80	0.60	0.50
EXAMPLE: FOR 2-1/2" EDGE DIST. SPACING = 9" O.C. (FROM CHART) FOR 2" EDGE DIST. SPACING = 9 X .80 = 7.2 O.C.				

TYPICAL EDGE DISTANCE IN WOOD = 1"
TYPICAL END DISTANCE IN WOOD = 1"
NO REDUCTION FACTOR IS REQUIRED



USE CHARTS 1 THRU 6 TO VERIFY ANCHOR REQUIREMENTS AND STRESS LIMITATIONS OF LOAD/SPAN COMBINATIONS FOR HEADER AND SILL.

Engr: ARSHAD VIQAR,
CIVIL
FLA. PE # 38863
C.A.N. # 538

SEP 28 2009

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By *Helmy A. Helmy*
Miami Dade Product Control
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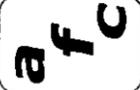
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B	06.07.07		NO CHANGE THIS SHEET
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date: 04-05-07
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chk. by:

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sheet 7 of 7

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