

Testing Summary

Design Pressure psf	Test Assemblies Label	Description	Frame Overall Size	J.O. Size	Finish	Frame Tested	Door	Hardware (or Equal)	Remark
70	# SC1	HM Door with Cylindrical Lock Flush Single Outswing Steel Entry Door	40"w x 86"h	36"w x 84"h	A60	J.D.-5 $\frac{3}{4}$ ", 16Ga, 2"-Face	16 Ga Skins, 22Ga Ribs (6"O.C.)	3-Butt Hinge, McKinney TA2714 1-Cylindrical Lock, Corbin Russwin CL3300 Series (or Equal)	
70	# SC2	HM Door with Mortise Lock Flush Single Outswing Steel Entry Door			A60	J.D.-5 $\frac{3}{4}$ ", 16Ga, 2"-Face	16 Ga Skins, 22Ga Ribs (6"O.C.)	3-Butt Hinge, McKinney TA2714 1-Mortise Lock with Deadbolt, Sargent 8200 Series (or Equal)	
70	# SC3	HM Door with Rim Exit Device Flush Single Outswing Steel Entry Door			A60	J.D.-5 $\frac{3}{4}$ ", 16Ga, 2"-Face	16 Ga Skins, 22Ga Ribs (6"O.C.)	3-Butt Hinge, McKinney TA2714 1-Rim Exit Device with Windstorm Interlocking Strike Bracket, Yale 7150 Series (or Equal)	
70	# PC1	HM Pair Door with Cylindrical Lockset and Surface Bolts Flush Pair Outswing Steel Entry Door	76"w x 86"h	72"w x 84"h	A60	J.D.-5 $\frac{3}{4}$ ", 14Ga, 2"-Face	16 Ga Skins, 22Ga Ribs (6"O.C.)	6-Butt Hinge, McKinney TA2714 1-Cylindrical Lock, Corbin Russwin CL3300 Series 1-Surface Bolt, Yale 988Y (or Equal)	
70	# PC2	HM Pair Door with Mortise Lockset and Surface Bolts Flush Pair Outswing Steel Entry Door			A60	J.D.-5 $\frac{3}{4}$ ", 14Ga, 2"-Face	16 Ga Skins, 22Ga Ribs (6"O.C.)	6-Butt Hinge, McKinney TA2714 1-Mortise Lock with Deadbolt, Sargent 8200 Series (Strike inactive leaf) 1-Surface Bolt, Yale 988Y (or Equal)	
70	# PC3	~~HM Pair Door with Mortise Exit Device and Surface Vertical Rod Device Flush Pair Outswing Steel Entry Door~~			A60	~~J.D.-5$\frac{3}{4}$", 14Ga, 2"-Face~~	~~16 Ga Skins, 22Ga Ribs (6"O.C.)~~	~~6-Butt Hinge, McKinney TA2714 1-Mortise Exit Device with Deadbolt, Sargent WS8900 Series (Strike inactive leaf) 1-Surface Vertical Rod Exit Device, Yale 7170 (or Equal)~~	
70	# PC4	HM Door with Rim Exit Device Flush Pair Outswing Steel Entry Door with Removable Mullion			A60	J.D.-5 $\frac{3}{4}$ ", 14Ga, 2"-Face	16 Ga Skins, 22Ga Ribs (6"O.C.)	6-Butt Hinge, McKinney TA2714 1-Removable Mullion, Yale M200FWS 2-Rim Exit Device with Windstorm Interlocking Strike Bracket, Yale 7150 (or Equal)	
70	# PC5	HM Door with Concealed Vertical Rod and Surface Vertical Rod Exit Device Flush Pair Outswing Steel Entry Door			A60	J.D.-5 $\frac{3}{4}$ ", 14Ga, 2"-Face	16 Ga Skins, 22Ga Ribs (6"O.C.)	6-Butt Hinge, McKinney TA2714 1-Exit device, Sargent 8600 CVR 1-Exit Device, Sargent HC8700 SVR (or Equal)	

- ASTM E 330: Uniform Static Air Pressure Difference.
- ASTM E 1886: Missile(s) and Exposed to Cyclic Pressure Differentials.

- ASTM E 1996: Windborne Debris in Hurricanes, Missile D, Wind Zone 4.
- ANSI/SDI A250.13-2008: Testing and Rating of Severe Windstorm Resistant Components for Swinging Door Assemblies.

C O N T E N T S

Sheet Name	Sheet #
Test Samples Manufactured	1
Windstorm Samples "SC1","SC2","SC3"	2
Windstorm Samples "PC1","PC2"	3
Windstorm Samples " ~~PC3~~ " & "PC4"	4
Windstorm Samples "PC5"	5
Frames "SC1","SC2","SC3"	6
Frames "PC1","PC2", ~~"PC3"~~	7
Frames "PC4" & "PC5"	8
Typical Jamb Type Detail For Frames "SC1,SC2,SC3,PC1,PC2, ~~PC3~~ ,PC4,PC5"	9
Typical Anchor Strap Detail For Frames "SC1,SC2,SC3,PC1,PC2, ~~PC3~~ ,PC4,PC5"	10
Typical Hinge Reinforcement Detail For Frames "SC1,SC2,SC3,PC1,PC2, ~~PC3~~ ,PC4,PC5"	11
Strike Reinforcement Detail For Frames "SC1","SC2"	
Exit Device Reinforcement Detail For Frames "SC3"	12
Surface Bolt Reinforcement Detail Inactive Door Leaf For Frames "PC1","PC2"	13
~~Exit Device Surface Vertical Rod Reinforcement Detail For Frames "PC3"~~	
Hardware Mullion Reinforcement and Filler Block Detail For Frames "PC4"	14
Exit Device Concealed Vert. Rod Surface Vert. Rod Header Reinforcement Detail For Frames "PC5"	15
Door "SC1","SC2","SC3"	16
Door "PC1" (Active),"PC2"(Active)	17
Door "PC1" (Inactive),"PC2"(Inactive)	18
~~Door "PC3" (Active,Inactive)~~	19
Door "PC4" (Active)	20
Door "PC5" (Active)	21
Door "PC5" (Inactive)	22
Typical Door Section Stiffener Detail For Doors "SC1,SC2,SC3,PC1,PC2, ~~PC3~~ ,PC4,PC5"	23
Typical Top and Bottom Channel Detail For Doors "SC1,SC2,SC3,PC1,PC2, ~~PC3~~ ,PC4,PC5"	24
Typical Hinge Reinforcement Detail For Doors "SC1,SC2,SC3,PC1,PC2, ~~PC3~~ ,PC4,PC5"	25
Typical Lock Box Reinforcement Detail For Doors "SC1" and "PC1" (Active)	26
Typical Mortised Lock Detail For Doors "SC2" and "PC2" (Active)	
Typical Exit Device Reinforcement Detail For Doors "SC3" and "PC4"	27
Typical Inactive Door Strike Reinforcement Detail For Doors "PC1","PC2" and " ~~PC3~~ (Inactive)"	
~~Typical Exit Device Reinforcement Detail For Door "PC3" (Inactive)~~	28
Inactive Door Surface Vertical Rod Exit Device Reinforcement Detail For Door "PC5" (Inactive)	29
Active Door Mortised Exit Device Reinforcement Detail For Door " ~~PC3~~ (Active)"	30
Active Door Concealed Vertical Rod Exit Device Reinforcement Detail For Door "PC5" (Active)	31

Notice to installer: All fasteners, anchors, bolts, nuts, washers, clips, straps, connectors, metal plates, and attachment hardware used to install this product shall comply with the requirements of Section 1711 of the Florida Building Code, Building (9th edition, 2026), as applicable. The installer shall determine the projects exposure classification and distance from the saltwater coastline and shall provide corrosion- resistant attachment hardware meeting the requirements of FBC Section 1711.

L.I.F. Industries, Inc.
Long Island Fireproof Door

Project Name

Windstorm Test

Revision #0
Dated 06-25-10

Drawn:
OK

Date:
06-25-10

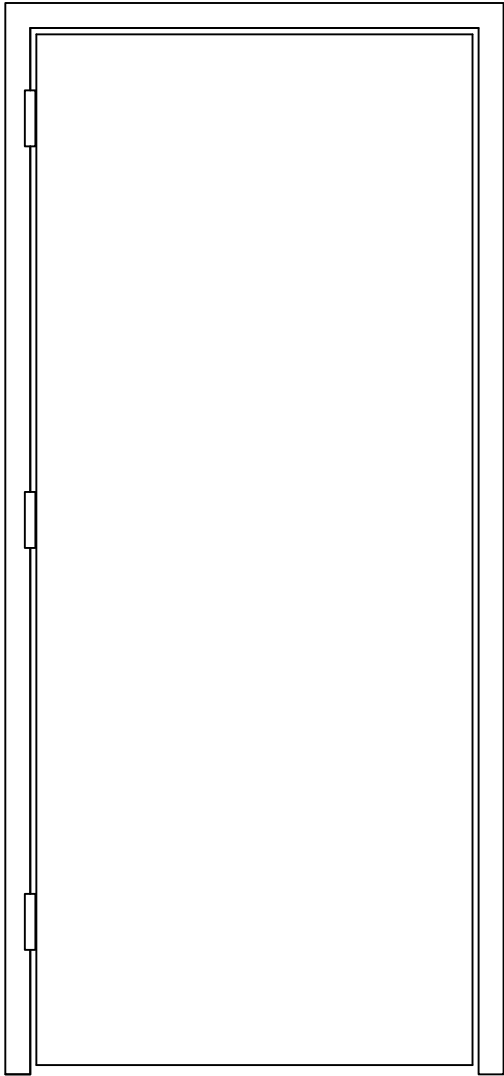
Checked:
KA

Sheet #
A

Test Samples Manufactured

Testing for Compliance With
(Design Pressure ± 70psf):

- 1. ASTM E 330: Standart Test Method for Structural Perfomance of Exterior Windows, Doors, Syilights and Curtain Walls by Uniform Static Air Pressure Difference.
- 2. ASTM E 1886: Standart Test Method for Performance of Exterior Windows, Doors, Curtain Walls and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials.
- 3. ASTM E 1996: Standard Specification for Performance of Exterior Windows,Curtain Walls, Doors and Impact Protective Systems Impacted by Windborne Debris in Hurricanes, Missile D, Wind Zone 4.
- 4. ANSI/SDI A250.13-2008: Testing and Rating of Severe Windstorm Resistant Components for Swinging Door Assemblies.

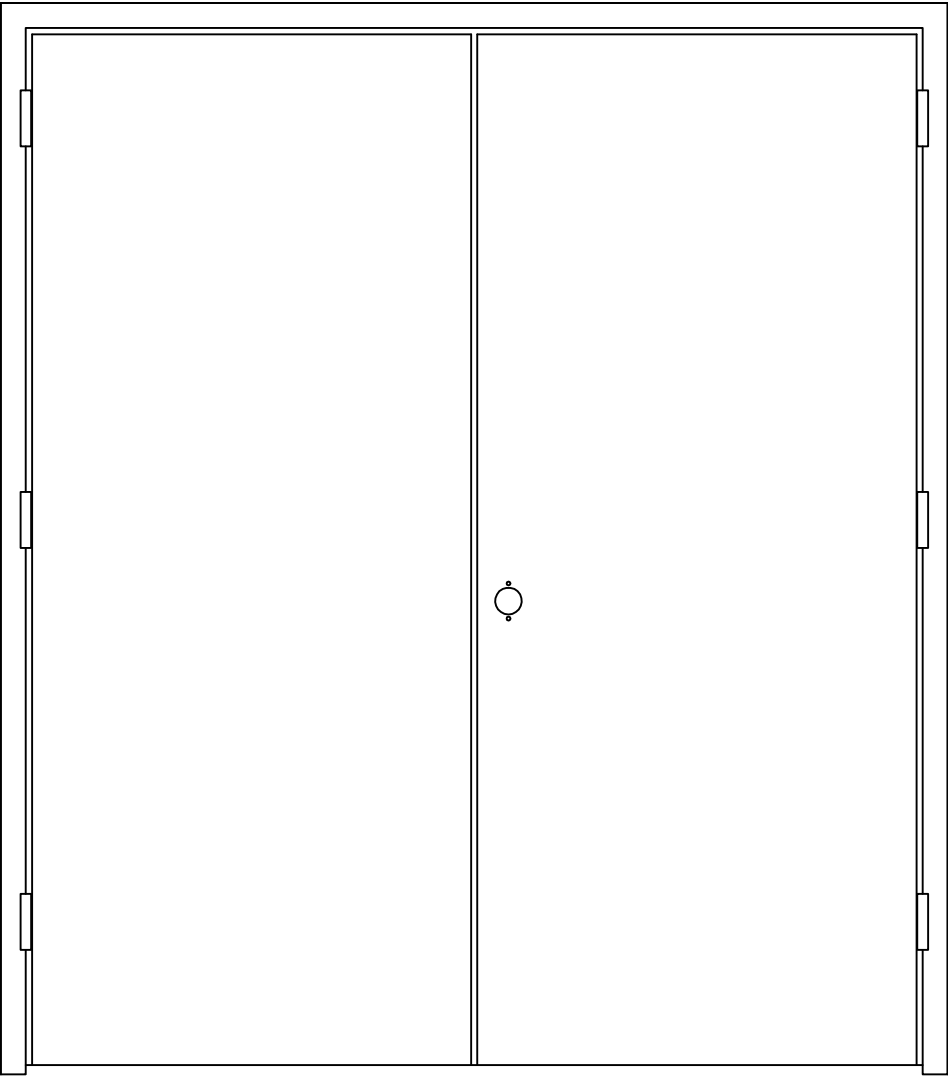


Elevation



Section

Single Door Opening Configurations:
SC1,SC2,SC3



Elevation



Section

Pair Door Opening Configurations:
PC1,PC2,~~PC3~~,PC4,PC5

NOTE:

Test Samples Manufactured in Accordance with:
ANSI/NAAM HMMA 861-06 Guide Specifications
for Commercial Hollow Metal Doors and Frames

L.I.F. Industries, Inc.
Long Island Fireproof Door

Project Name

Windstorm Test

Revision #1
Dated 02-09-21

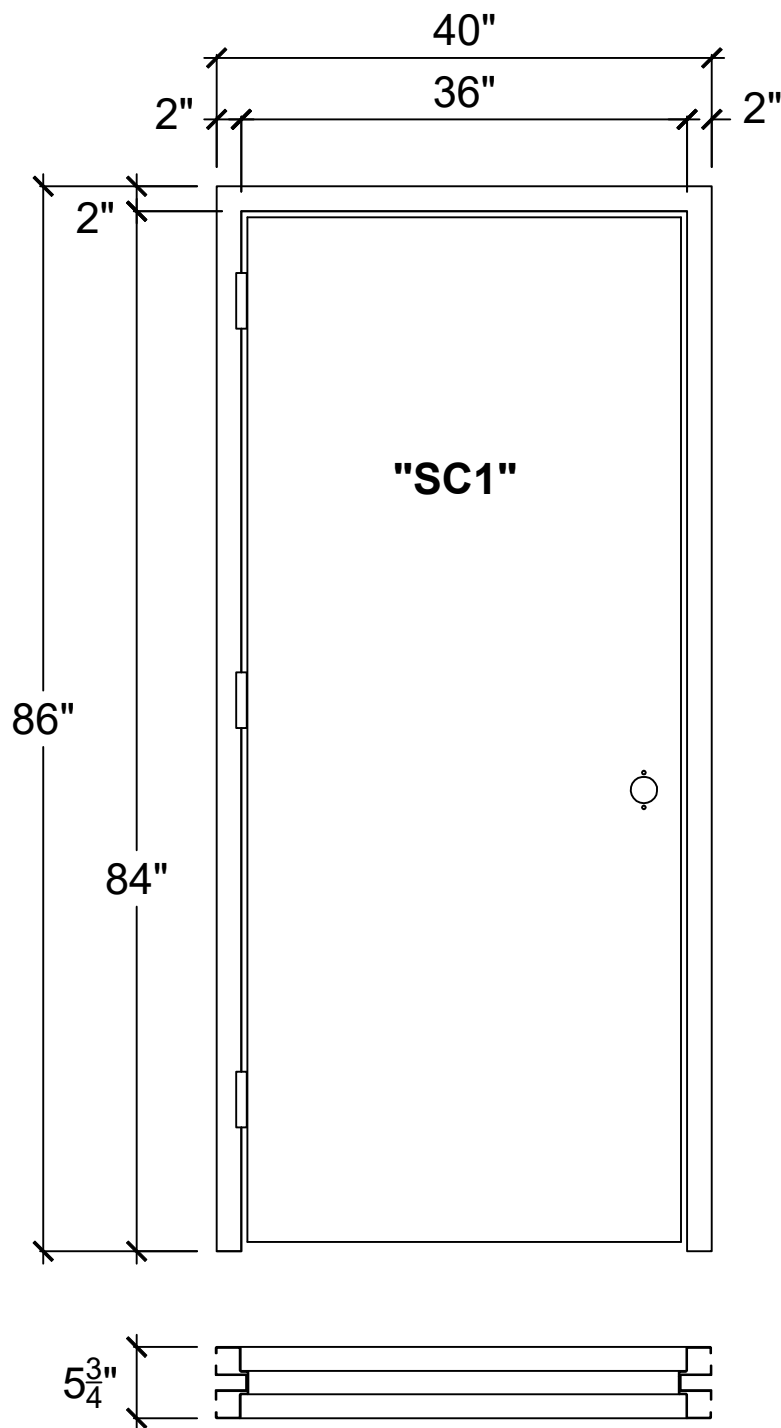
Drawn:
OK

Date:
06-25-10

Checked:
KA

Sheet #
1

WINDSTORM SAMPLES "SC1","SC2","SC3"

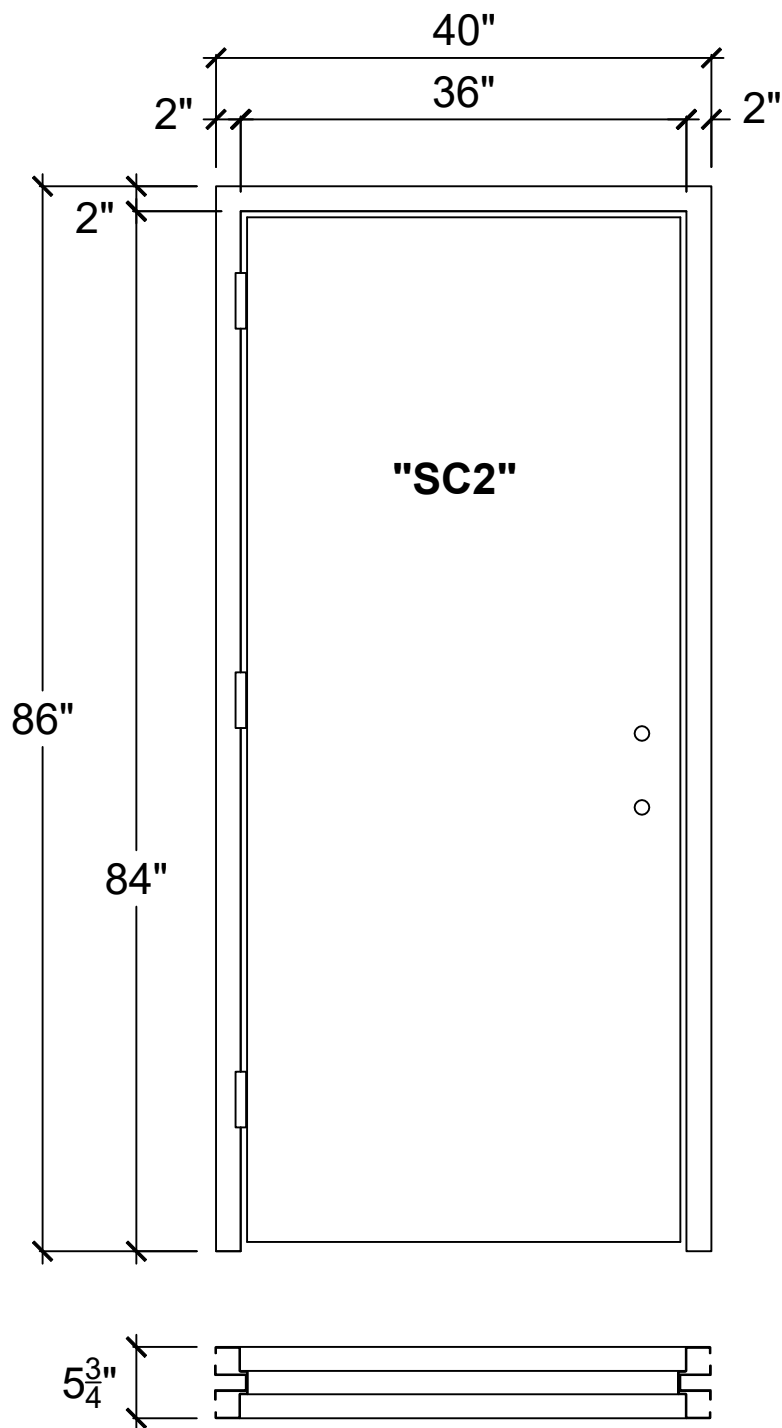


Hardware Set SC1:

Lock - Corbin Russwin CL3300 Series
Cylindrical Lockset

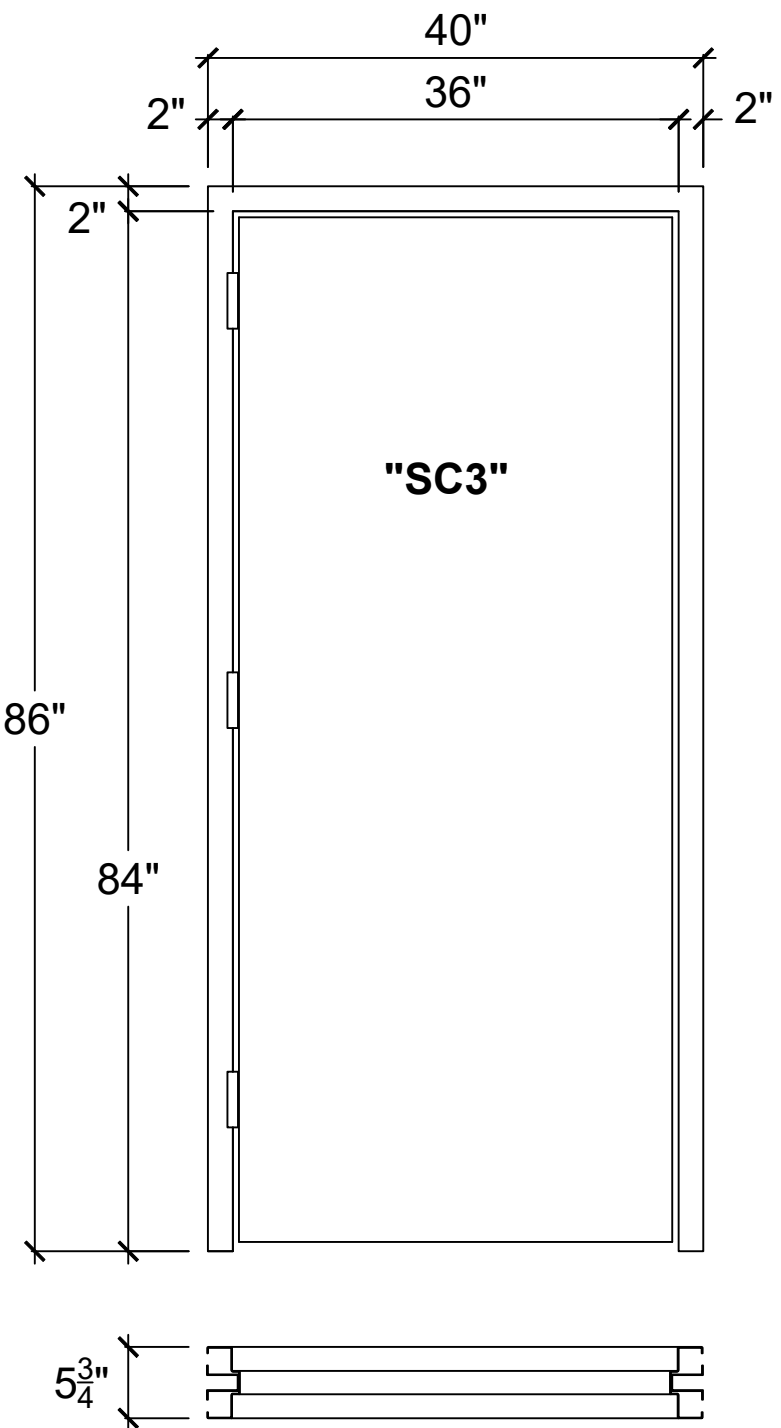
Hinges - McKinney # TA2714, 1 1/2" Pair
4 1/2" x 4 1/2" Regular Weight with
12-24 MS

NOTE: HARDWARE SPECIFIED OR EQUAL



Hardware Set SC2:

Lock - Sargent 8200 Series Mortise Lock
Hinges - McKinney # TA2714, 1 1/2" Pair 4 1/2" x 4 1/2"
Regular Weight with 12-24 MS



Hardware Set SC3:

Exit Device - Yale 7150 FWS with Windstorm Interlocking Bracket
Hinges - McKinney # TA2714, 1 1/2" Pair 4 1/2" x 4 1/2" Regular Weight with 12-24 MS

L.I.F. Industries, Inc.
Long Island Fireproof Door

Project Name

Windstorm Test

Revision #0
Dated 06-25-10

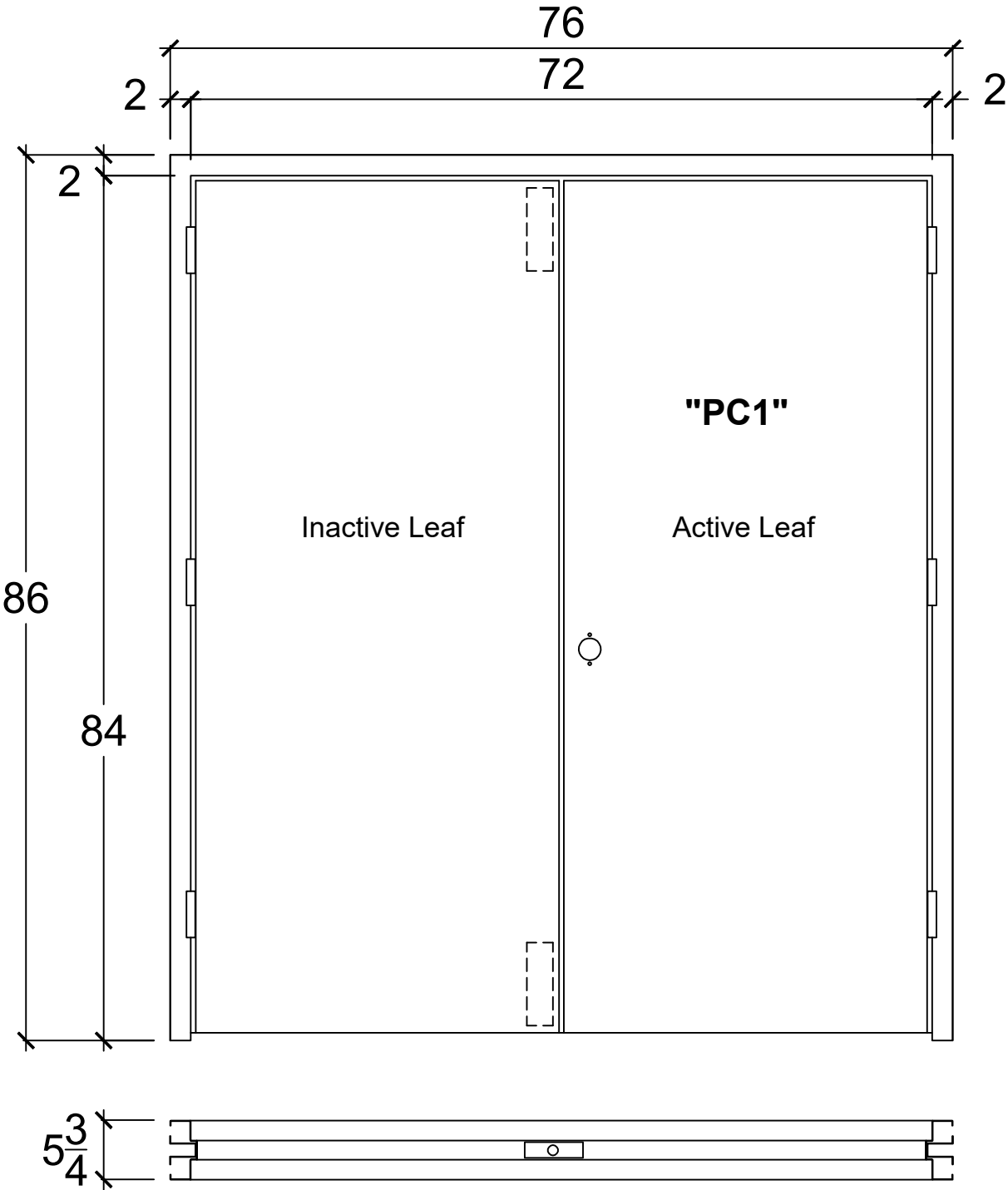
Drawn:
OK

Date:
06-25-10

Checked:
KA

Sheet #
2 of 40

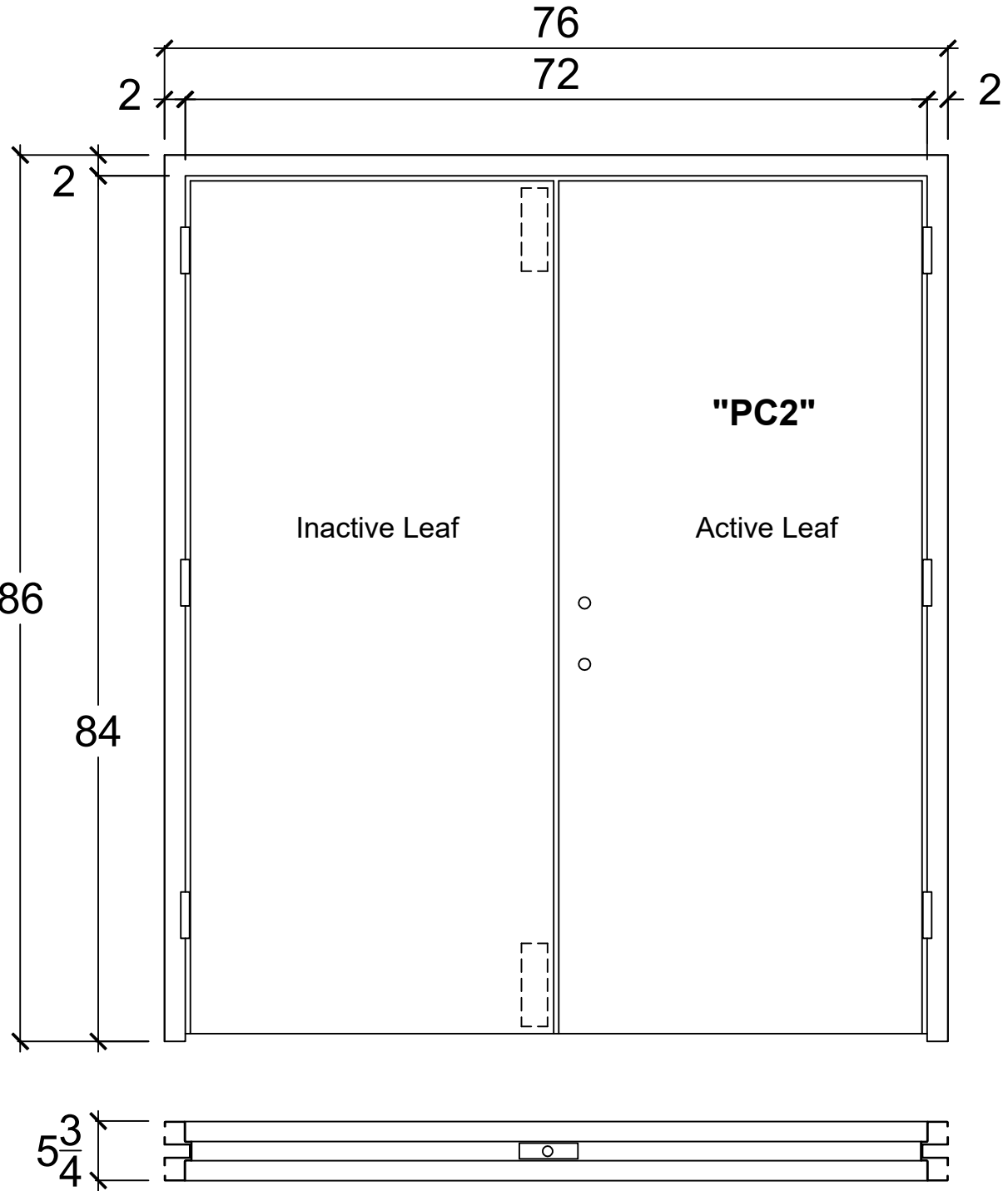
WINDSTORM SAMPLES "PC1","PC2"



Hardware Set PC1:

- Lock - Corbin Russwin CL3300 Series Cylindrical Lockset(Active Leaf)
- Manual Surface Bolt - Yale 988Y (Inactive Leaf)
- Hinges - McKinney # TA2714, 3 Pair 4¹/₂" x 4¹/₂" Regular Weight with 12-24 MS

NOTE: HARDWARE SPECIFIED OR EQUAL

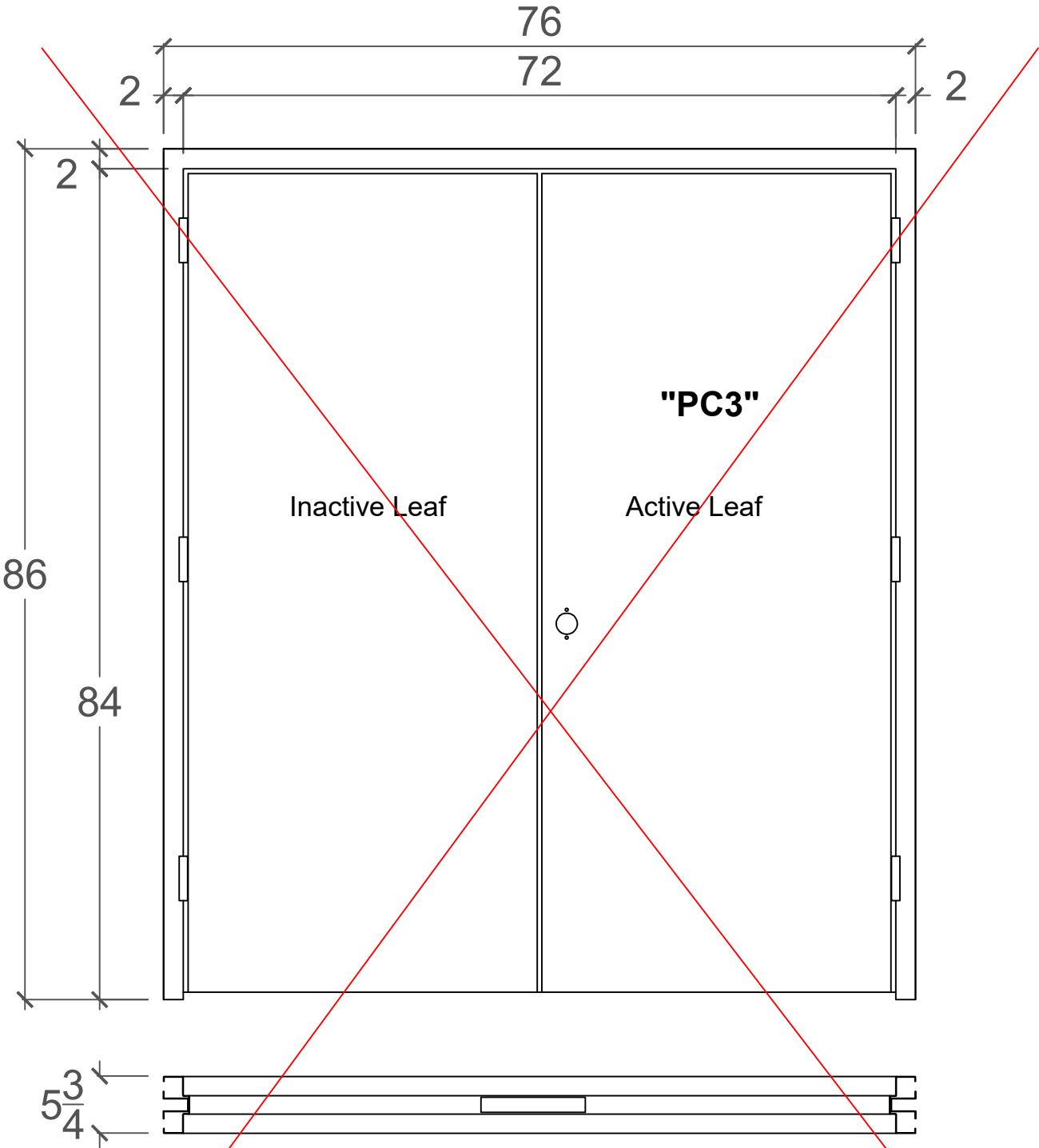


Hardware Set PC2:

- Lock - Sargent 8200 Series Mortise Lock (Active Leaf)
- Manual Surface Bolt - Sargent 988 (Inactive Leaf)
- Hinges - McKinney # TA2714, 3 Pair 4¹/₂" x 4¹/₂" Regular Weight with 12-24 MS

L.I.F. Industries, Inc. Long Island Fireproof Door	Project Name		Revision #0 Dated 06-25-10	
	Windstorm Test		Drawn: OK	Checked: KA
			Date: 06-25-10	Sheet # 3 of 40

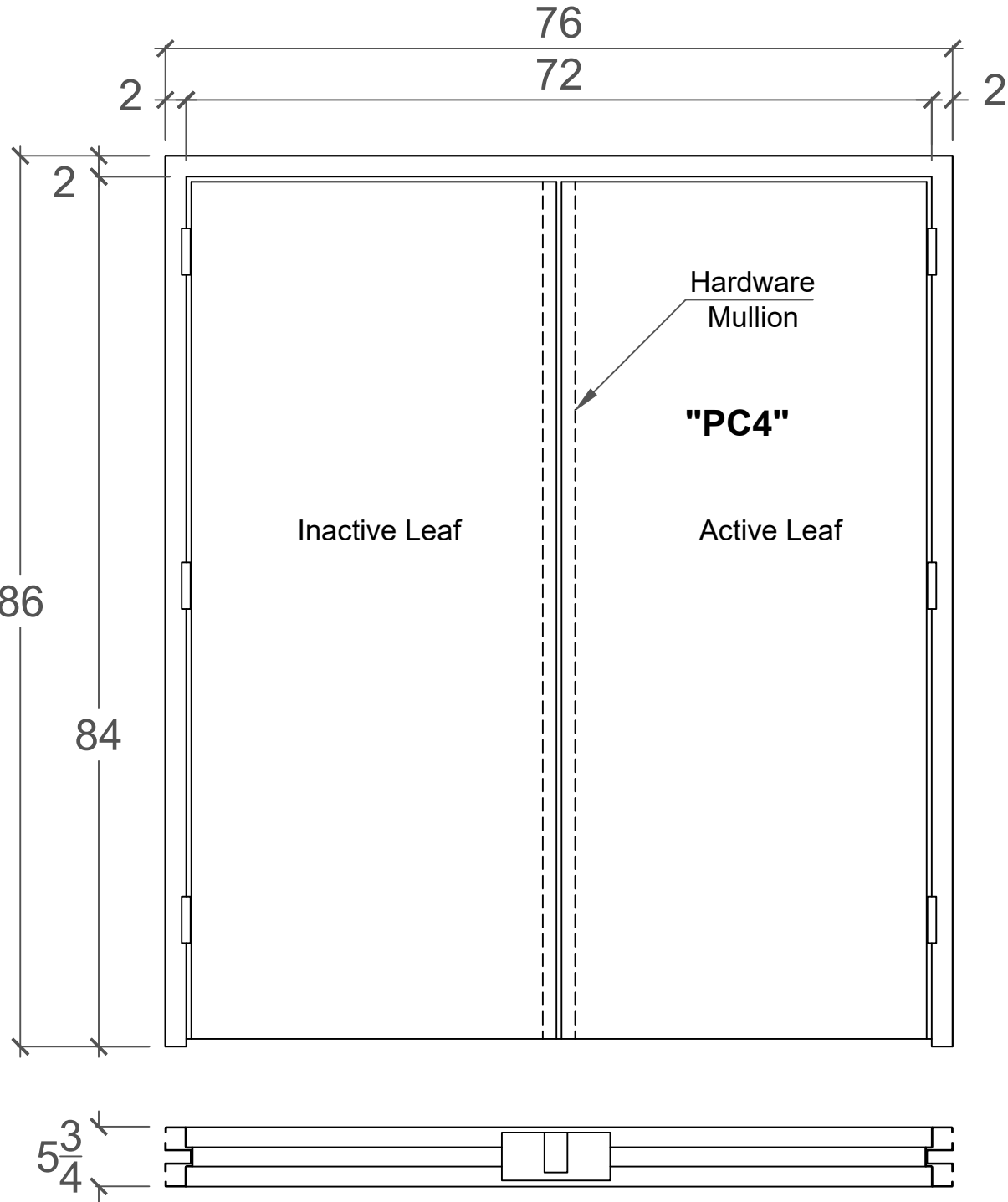
WINDSTORM SAMPLES "PC3","PC4"



Hardware Set PC3:

- Mortise Exit Device - Sargent WS 8900 (Active Leaf)
- Surface Vertical Rod Exit Device - Yale 7170 WS (Inactive Leaf)
- Hinges - McKinney # TA2714, 3 Pair 4 1/2" x 4 1/2" Regular Weight with 12-24 MS

NOTE: HARDWARE SPECIFIED OR EQUAL

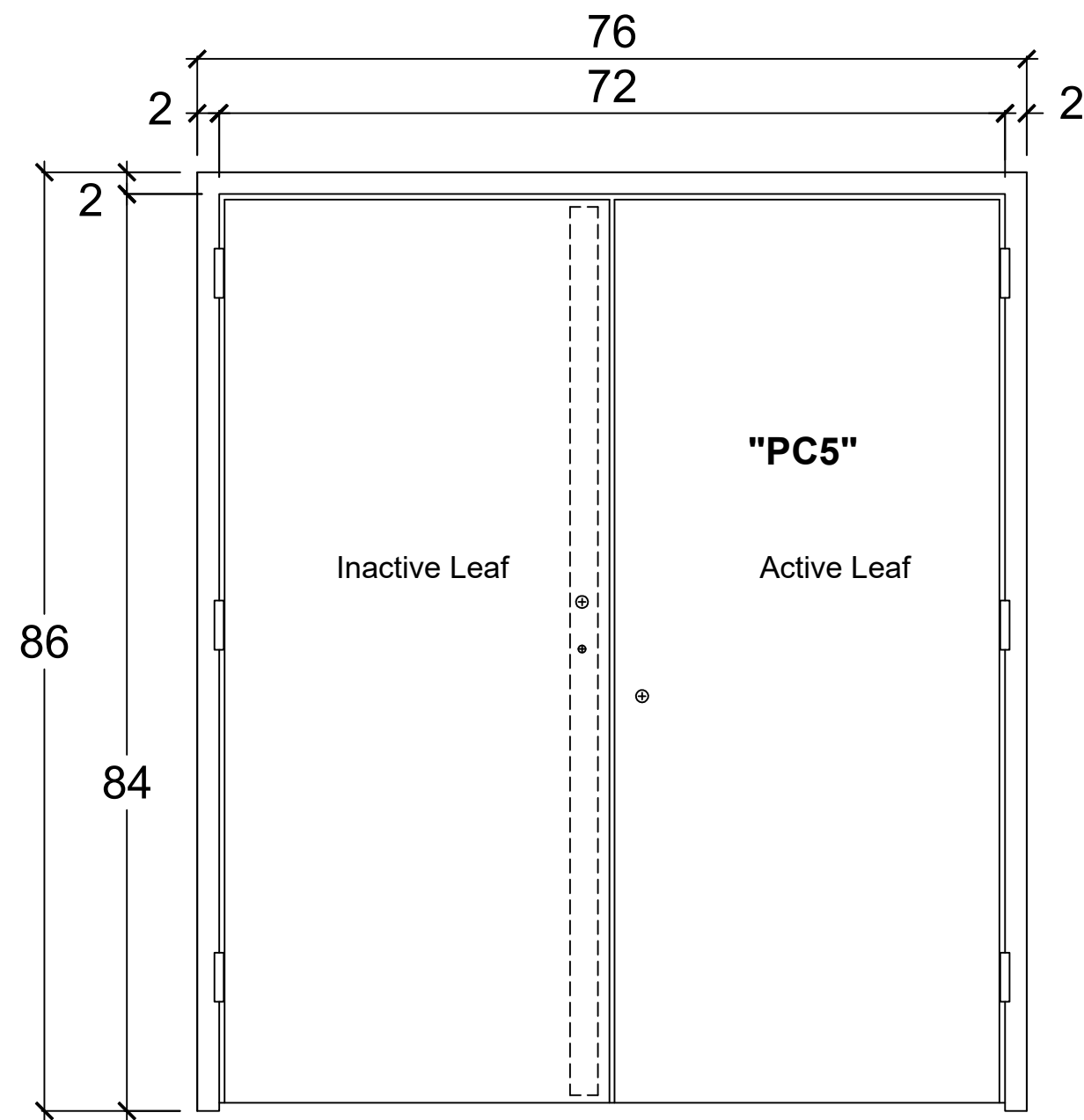


Hardware Set PC4:

- Rim Exit Device - Yale 7150 with Windstorm Interlocking Bracket (Each Leaf)
- Removable Mullion - Yale M200 FWS
- Hinges - McKinney # TA2714, 3 Pair 4 1/2" x 4 1/2" Regular Weight with 12-24 MS

L.I.F. Industries, Inc. Long Island Fireproof Door	Project Name		Revision #0 Dated 06-25-10	
	Windstorm Test		Drawn: OK	Checked: KA
			Date: 06-28-10	Sheet # 4 of 40

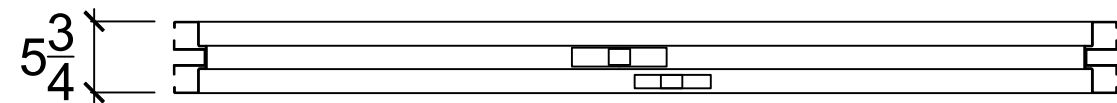
WINDSTORM SAMPLES "PC5"



Hardware Set PC5:

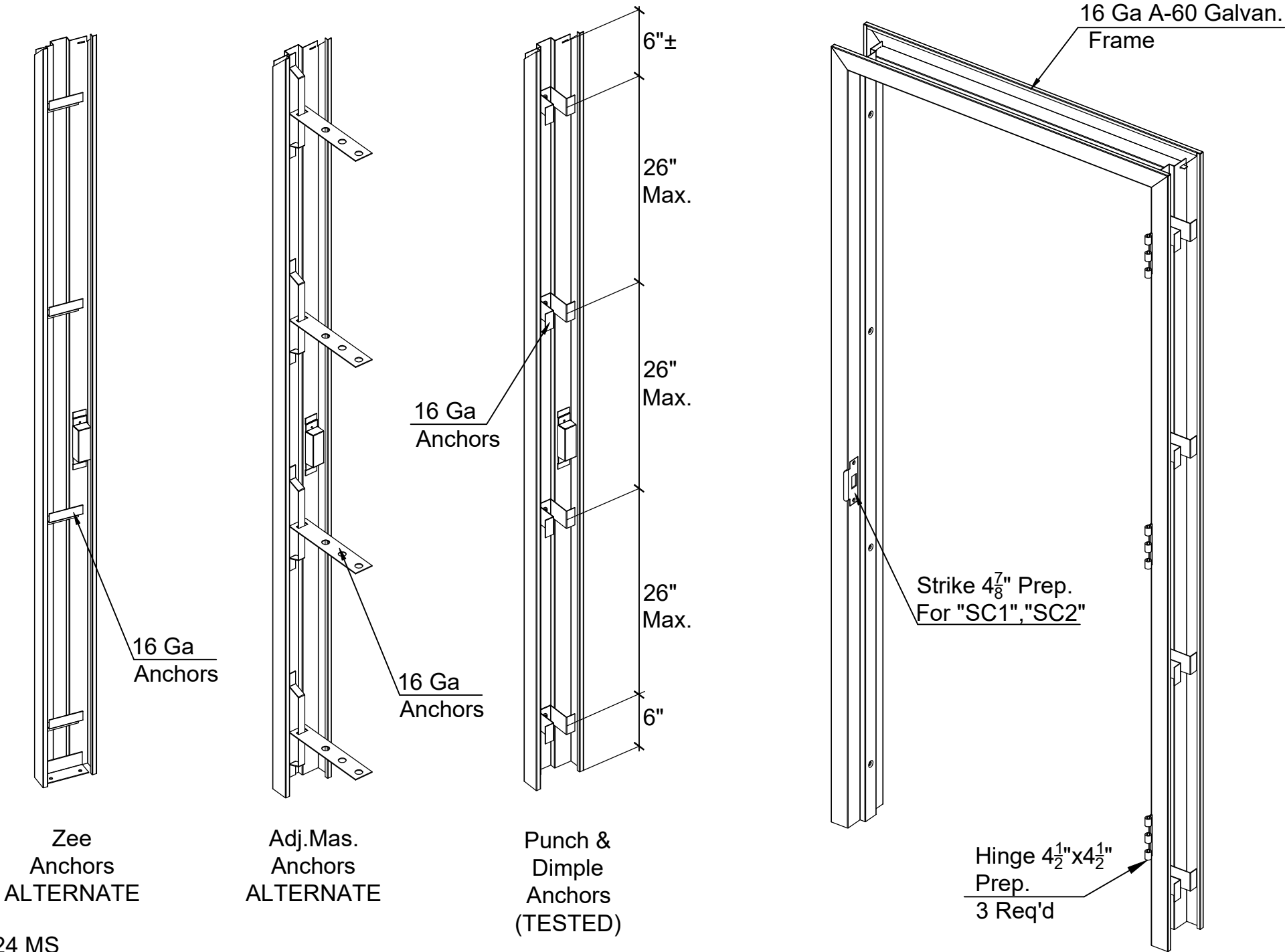
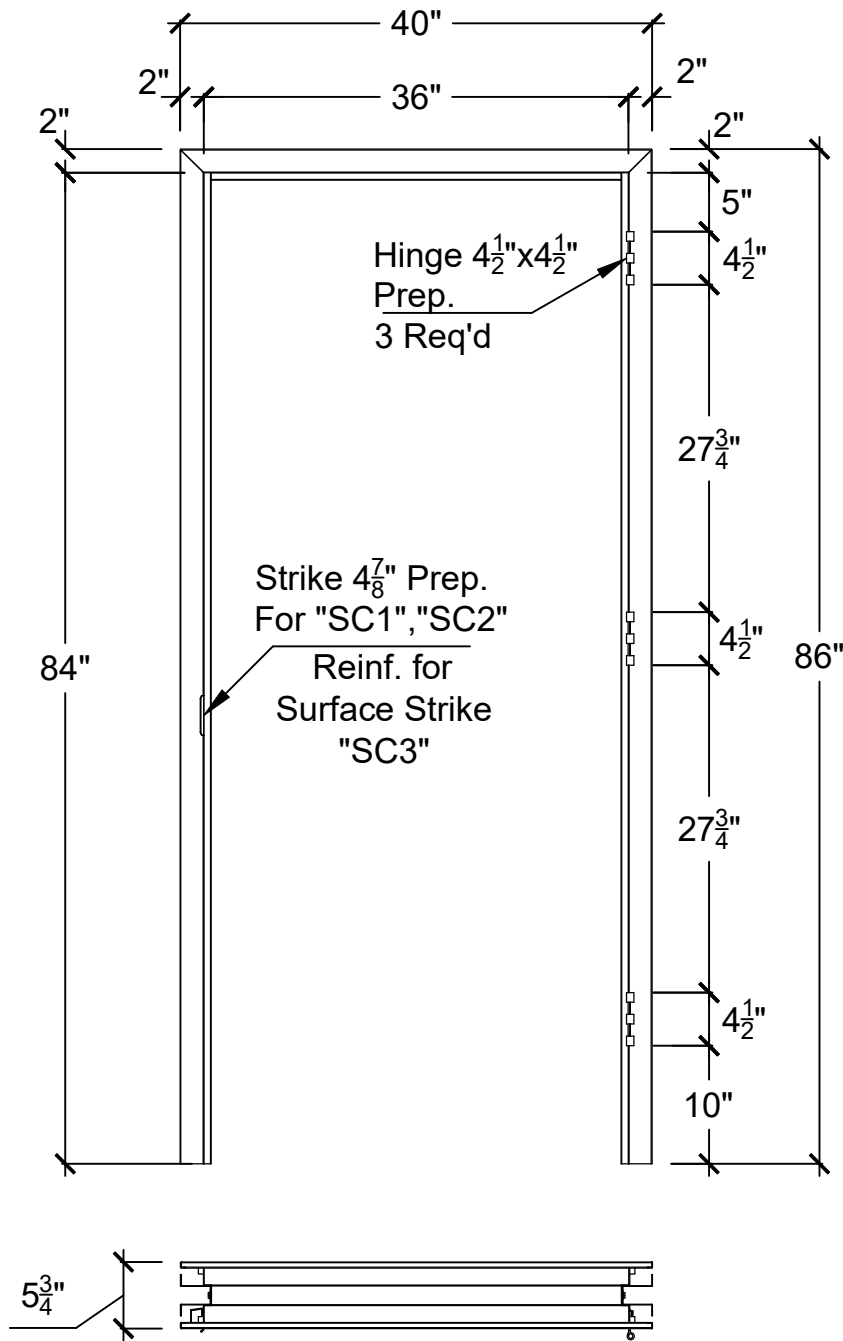
- Concealed Vertical Rod Exit Device - Sargent 8600 CVR Exit Device (Active Leaf)
- Surface Vertical Rod Exit Device - Sargent HC 8700 SVR Exit Device (Inactive Leaf)
- Hinges - McKinney # TA2714, 3 Pair 4½" x 4½" Regular Weight with 12-24 MS

NOTE: HARDWARE SPECIFIED OR EQUAL



L.I.F. Industries, Inc. Long Island Fireproof Door	Project Name		Revision #0 Dated 06-25-10	
	Windstorm Test		Drawn:	Checked:
			OK	KA
			Date:	Sheet #
			06-28-10	5 of 40

Frames "SC1","SC2","SC3"



Hardware Set SC1:

Lock - Corbin Russwin CL3300 Series Cylindrical Lockset
Hinges - McKinney # TA2714, 1 1/2" Pair 4 1/2" x 4 1/2" Regular Weight with 12-24 MS

Hardware Set SC2:

Lock - Sargent 8200 series Mortise Lock
Hinges - McKinney # TA2714, 1 1/2" Pair 4 1/2" x 4 1/2" Regular Weight with 12-24 MS

Hardware Set SC3:

Exit Device - Yale 7150 FWS
Hinges - McKinney # TA2714, 1 1/2" Pair 4 1/2" x 4 1/2" Regular Weight with 12-24 MS

NOTE: HARDWARE SPECIFIED OR EQUAL

Notice to installer: All fasteners, anchors, bolts, nuts, washers, clips, straps, connectors, metal plates, and attachment hardware used to install this product shall comply with the requirements of Section 1711 of the Florida Building Code, Building (9th edition, 2026), as applicable. The installer shall determine the projects exposure classification and distance from the saltwater coastline and shall provide corrosion- resistant attachment hardware meeting the requirements of FBC Section 1711.

L.I.F. Industries, Inc.
Long Island Fireproof Door

Project Name

Windstorm Test

Revision #0
Dated 06-28-10

Drawn:

OK

Date:

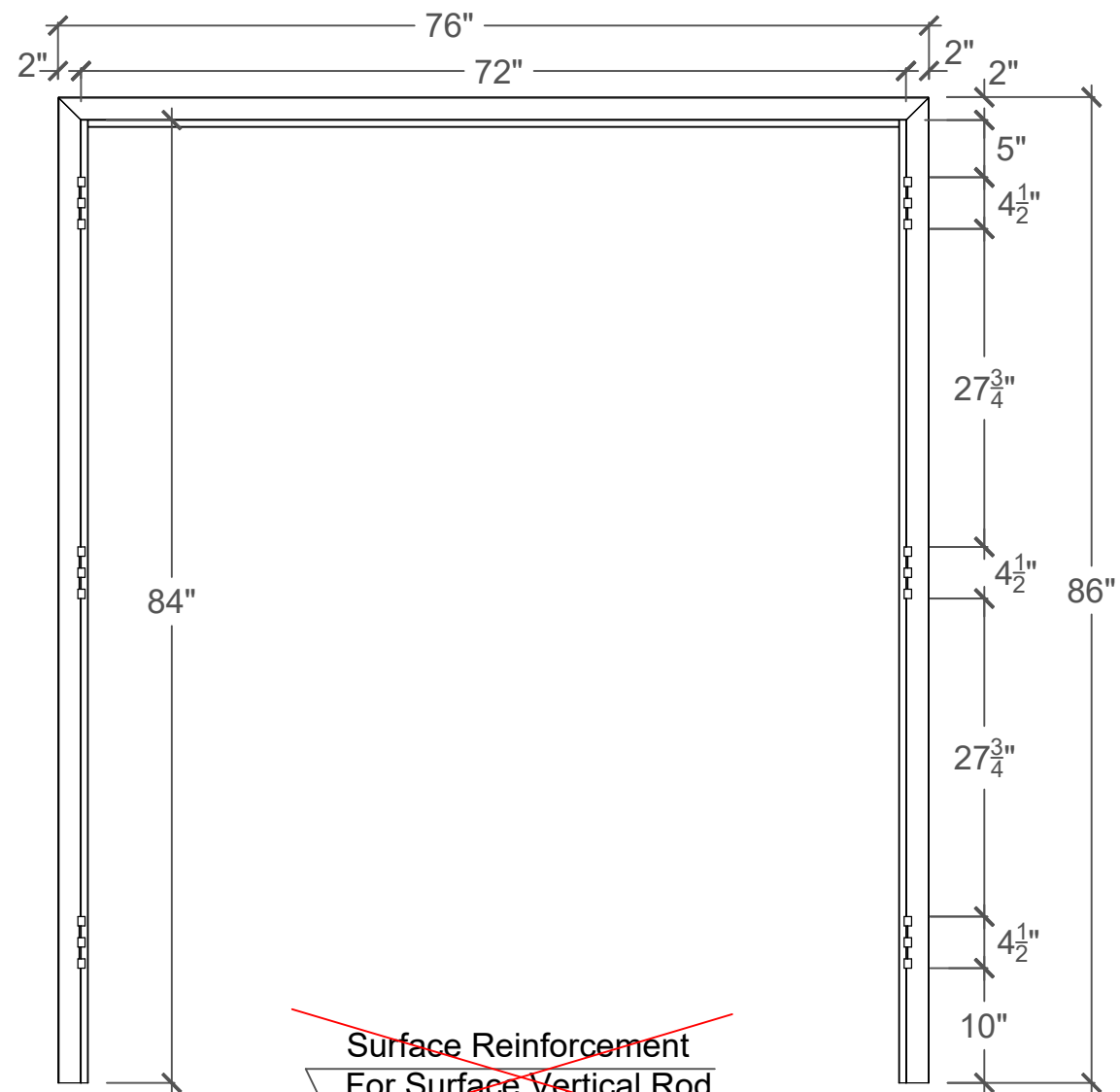
06-28-10

Checked:

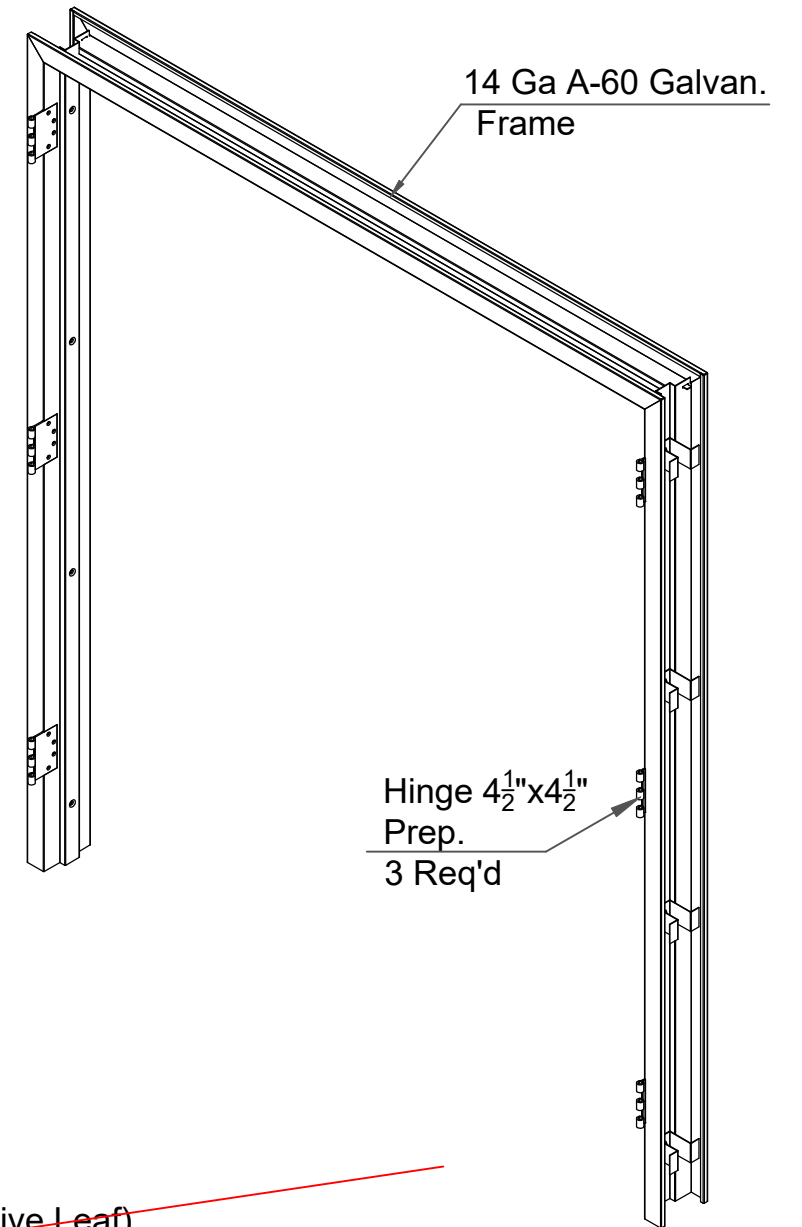
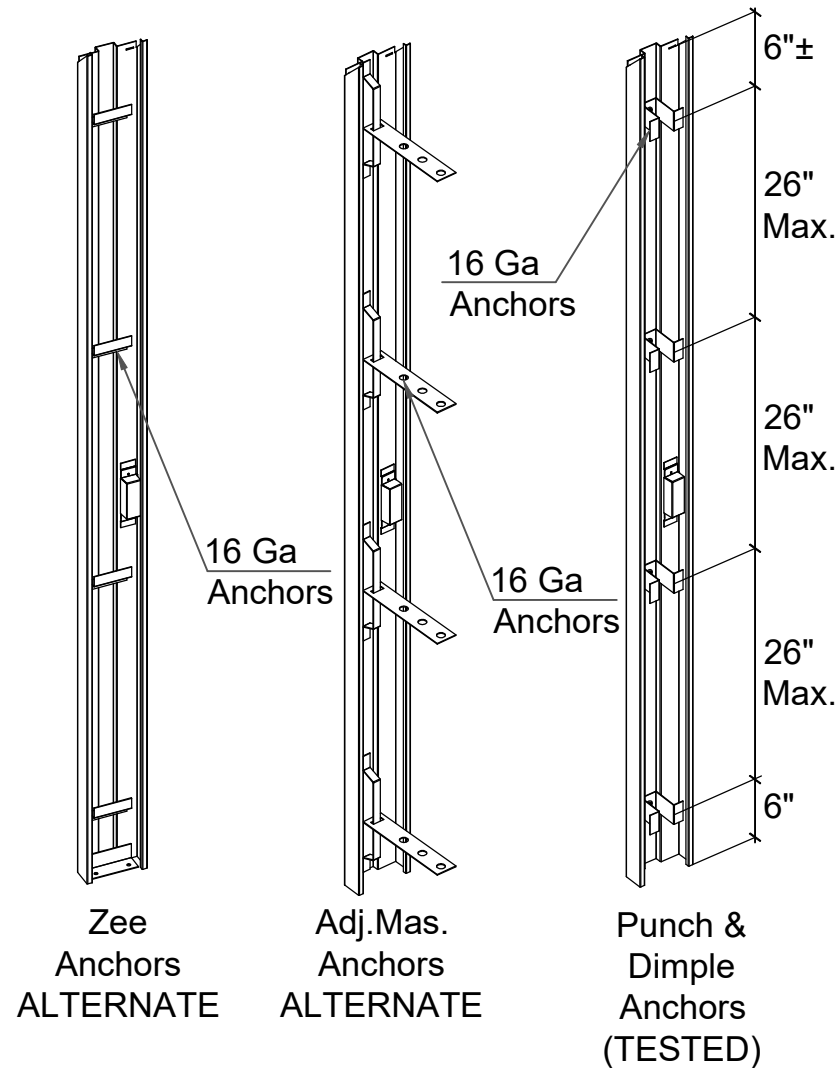
KA

Sheet #

6 of 40



Frames "PC1","PC2","PC3"



Surface Reinforcement
For Surface Vertical Rod
Config."PC3"

Surface Bolt Reinforcement
For Inactive Door
Config."PC1"&"PC2"

Hardware Set PC1:

Lock - Corbin Russwin CL3300 Series Cylindrical Lockset (Active Leaf)
Manual Surface Bolt - Yale 988Y Surface Bolt (Inactive Leaf)
Hinges - McKinney # TA2714, 3 Pair 4 1/2" x 4 1/2" Regular Weight with 12-24 MS

Hardware Set PC2:

Lock - Sargent 8200 series Mortise Lock (Active Leaf)
Manual Surface Bolt - Sargent 988 Surface Bolt (Inactive Leaf)
Hinges - McKinney # TA2714, 3 Pair 4 1/2" x 4 1/2" Regular Weight with 12-24 MS

Hardware Set PC3:

Mortise Exit Device - Sargent WS8900 (Active Leaf)
Surface Vertical Rod Exit Device - Yale7170WS (Inactive Leaf)
Hinges - McKinney # TA2714, 3 Pair 4 1/2" x 4 1/2" Regular Weight with 12-24 MS

NOTE: HARDWARE SPECIFIED OR EQUAL

Notice to installer: All fasteners, anchors, bolts, nuts, washers, clips, straps, connectors, metal plates, and attachment hardware used to install this product shall comply with the requirements of Section 1711 of the Florida Building Code, Building (9th edition, 2026), as applicable. The installer shall determine the projects exposure classification and distance from the saltwater coastline and shall provide corrosion- resistant attachment hardware meeting the requirements of FBC Section 1711.

L.I.F. Industries, Inc.
Long Island Fireproof Door

Project Name

Windstorm Test

Revision #0
Dated 06-28-10

Drawn:

OK

Date:

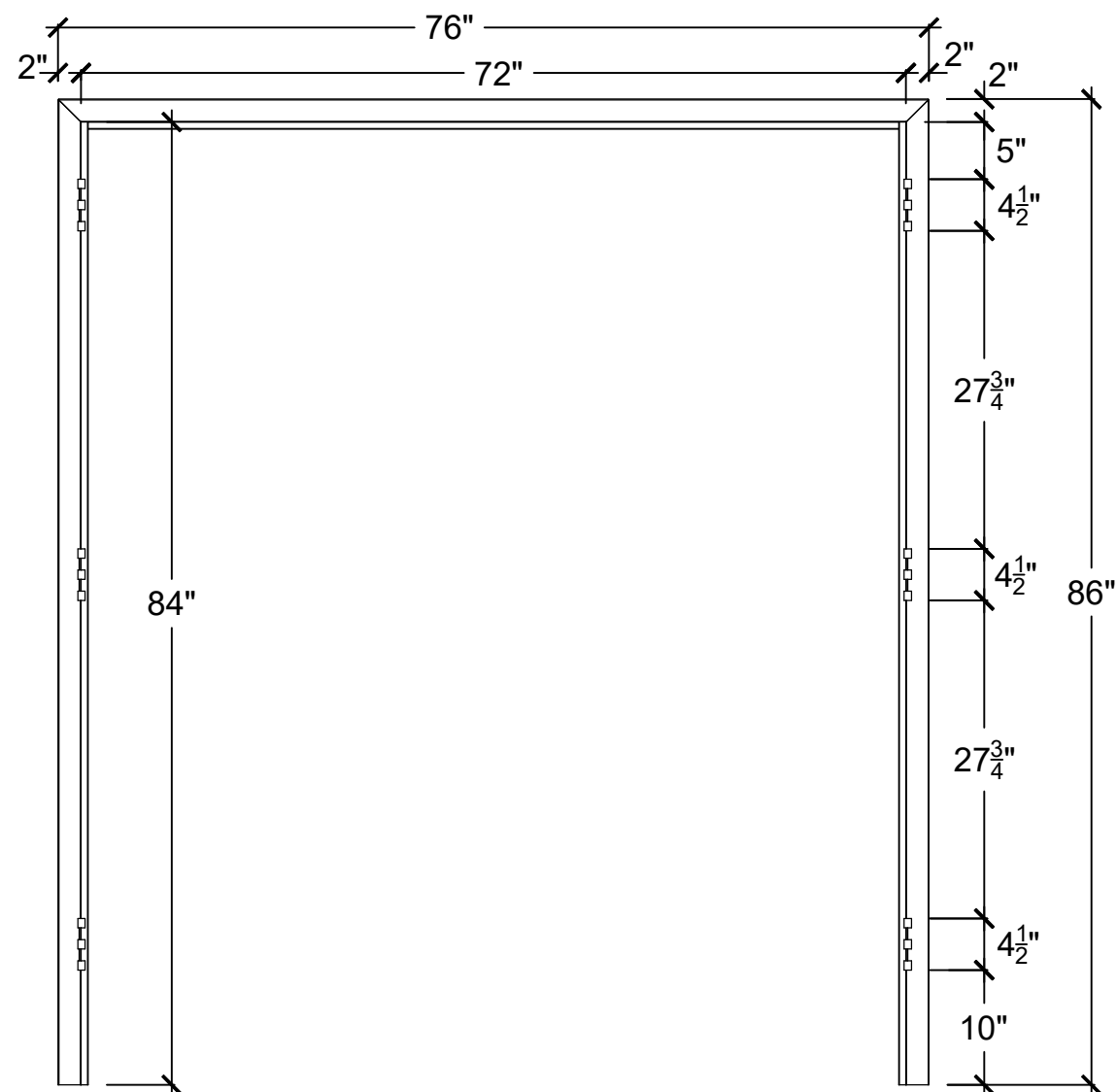
06-28-10

Checked:

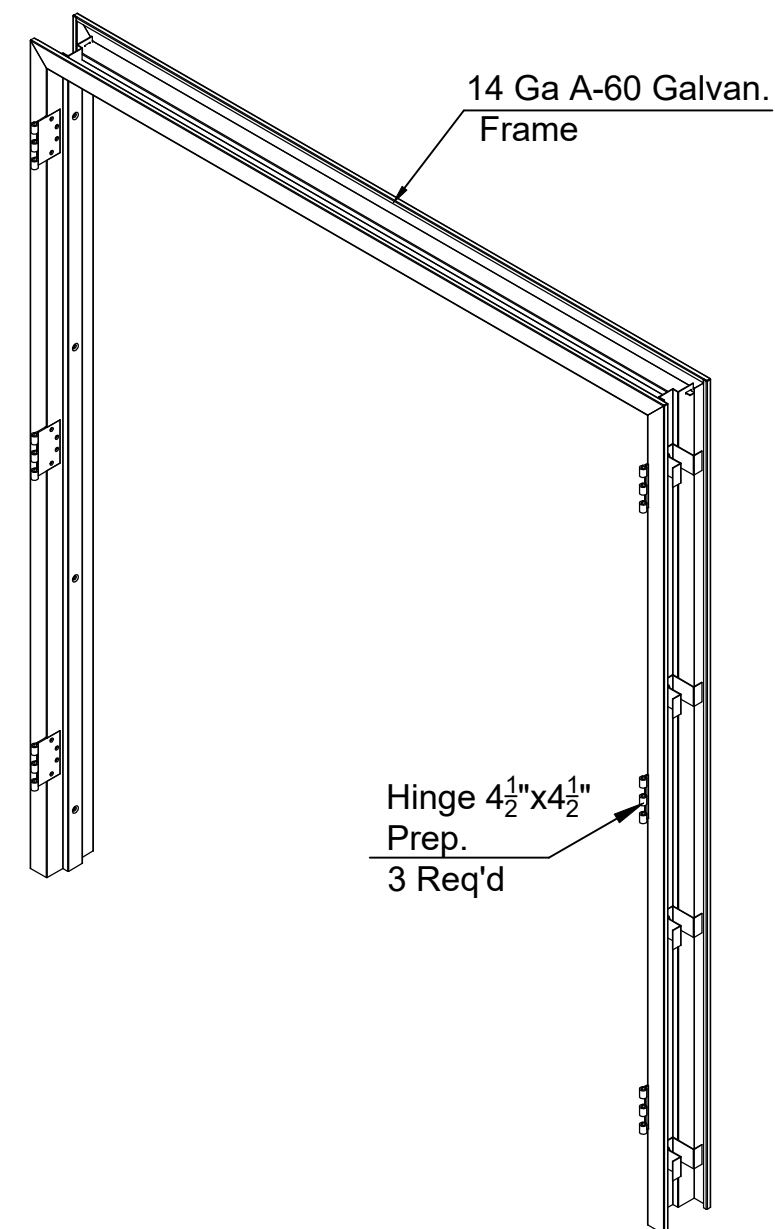
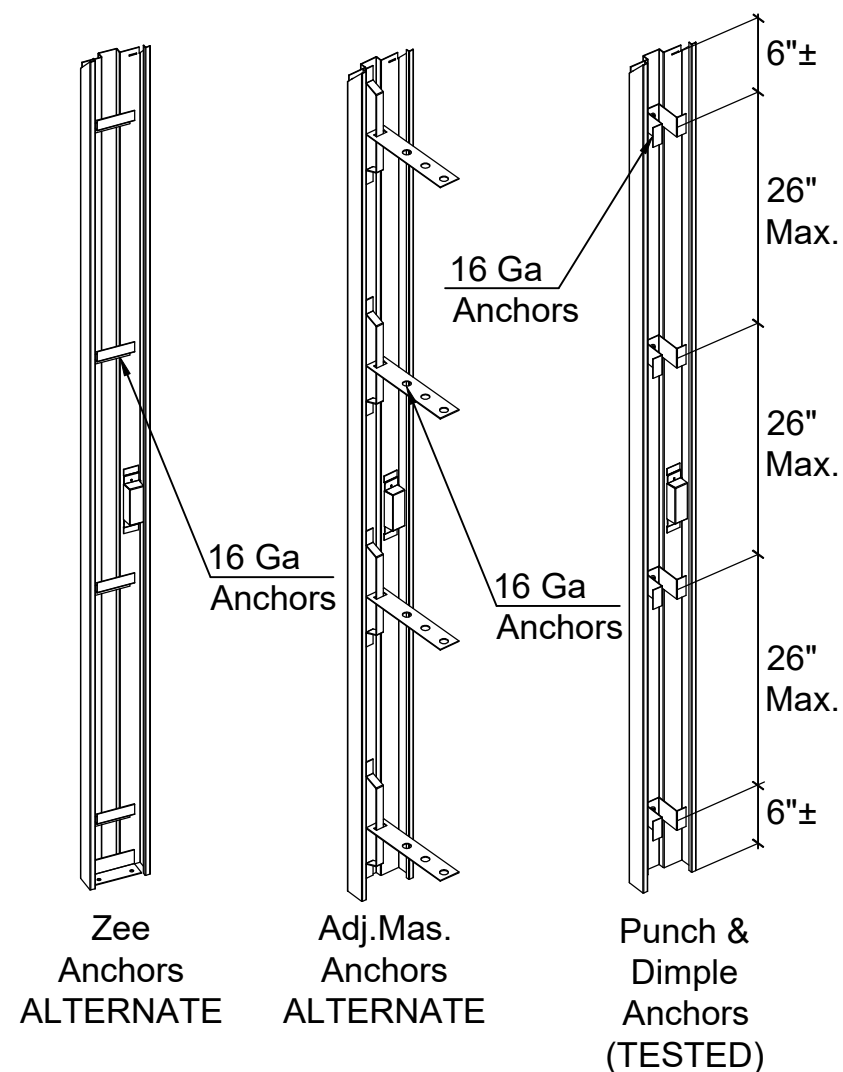
KA

Sheet #

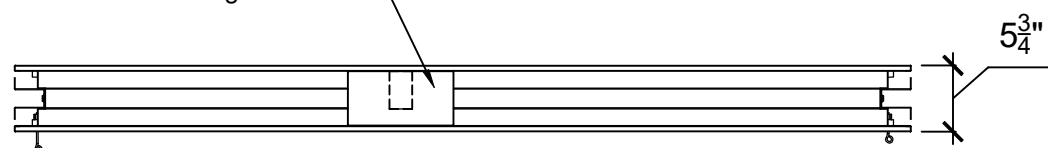
7 of 40



Frames "PC4","PC5"

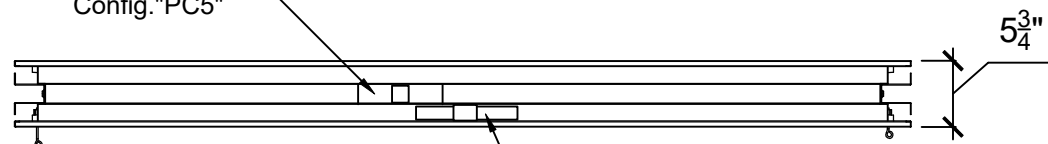


Header Prep.and Filler
Block for Hardware Mullion
Config."PC4"



"PC4"

Header Prep. for
Surface Vertical Rod
Config."PC5"



"PC5"

Header Prep. for
Concealed Vertical Rod
Config."PC5"

Hardware Set PC4:

Rim Exit Device - Yale 7150 (Active Leaf)

Removable Mullion - Yale M200FWS

Hinges - McKinney # TA2714, 3 Pair 4 1/2" x 4 1/2" Regular Weight with 12-24 MS

Hardware Set PC5:

Concealed Vertical Rod Exit Device - Sargent 8600 CVR Exit Device (Active Leaf)

Surface Vertical Rod Exit Device - Sargent HC8700 SVR Exit Device (Inactive Leaf)

Hinges - McKinney # TA2714, 3 Pair 4 1/2" x 4 1/2" Regular Weight with 12-24 MS

NOTE: HARDWARE SPECIFIED OR EQUAL

Notice to installer: All fasteners, anchors, bolts, nuts, washers, clips, straps, connectors, metal plates, and attachment hardware used to install this product shall comply with the requirements of Section 1711 of the Florida Building Code, Building (9th edition, 2026), as applicable. The installer shall determine the projects exposure classification and distance from the saltwater coastline and shall provide corrosion- resistant attachment hardware metting the requirements of FBC Section 1711.

L.I.F. Industries, Inc.
Long Island Fireproof Door

Project Name

Windstorm Test

Revision #0
Dated 06-28-10

Drawn:

OK

Date:

06-28-10

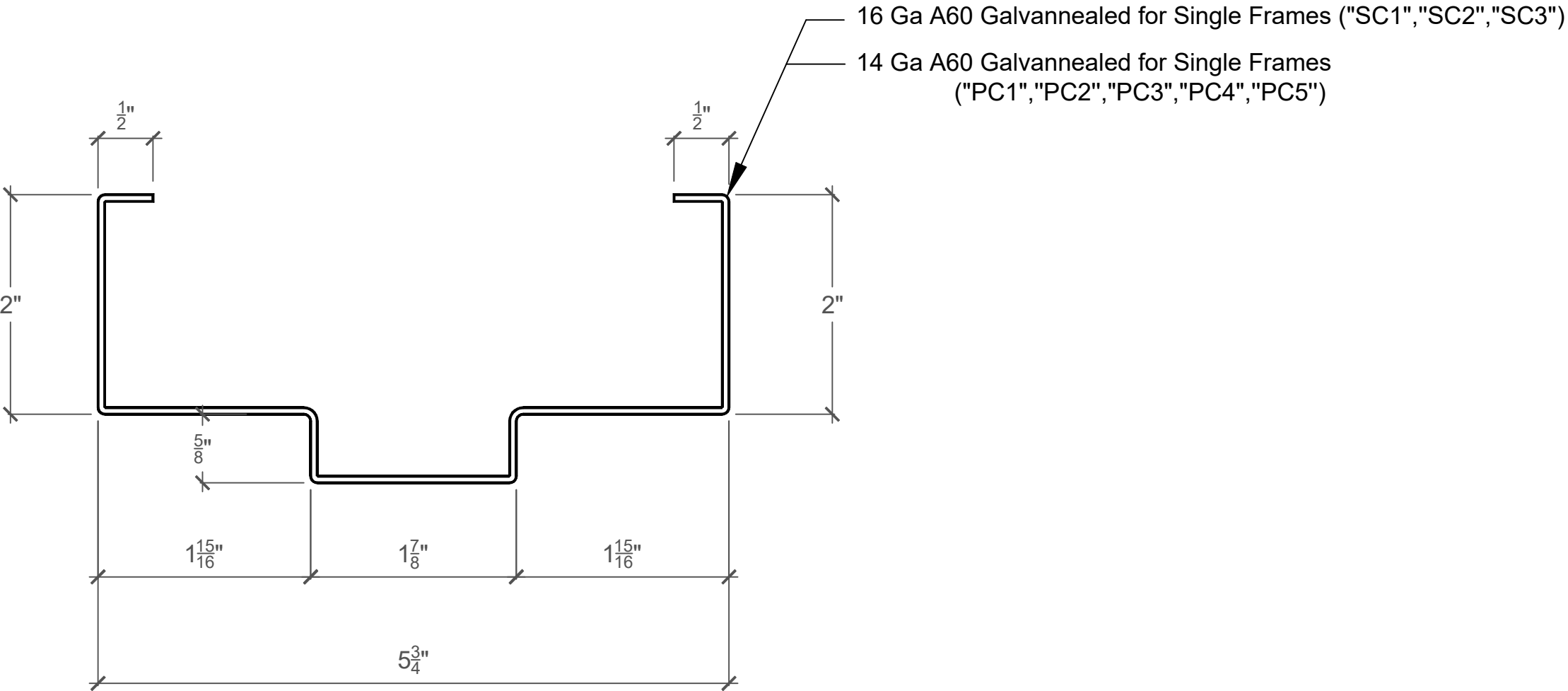
Checked:

KA

Sheet #

8 of 40

Typical Jamb Type Detail
For Frames
"SC1","SC2","SC3","PC1","PC2",~~"PC3"~~,"PC4","PC5"



JAMB TYPE SECTION

L.I.F. Industries, Inc.
Long Island Fireproof Door

Project Name

Windstorm Test

Revision #0
Dated 06-28-10

Drawn:

OK

Date:

06-29-10

Checked:

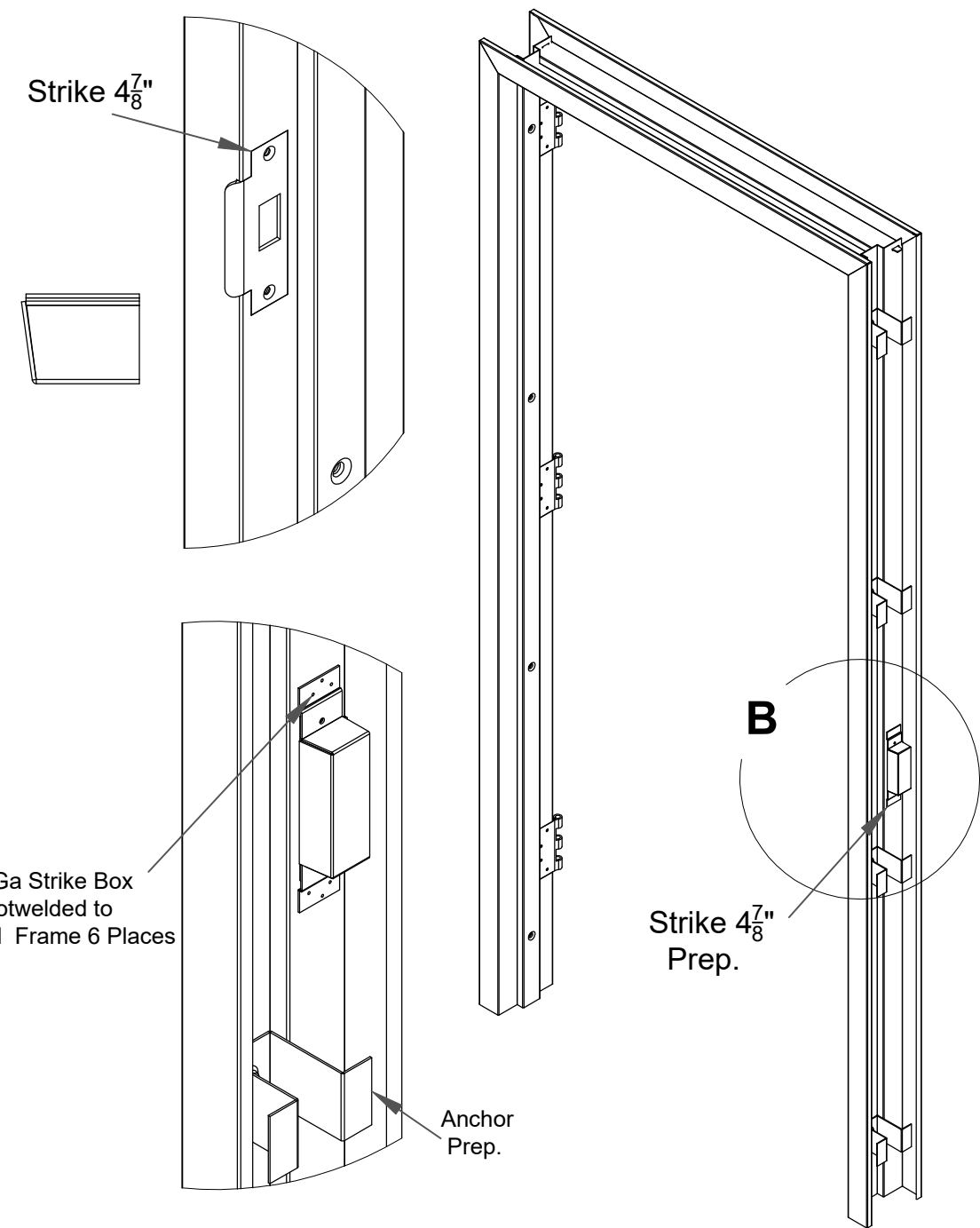
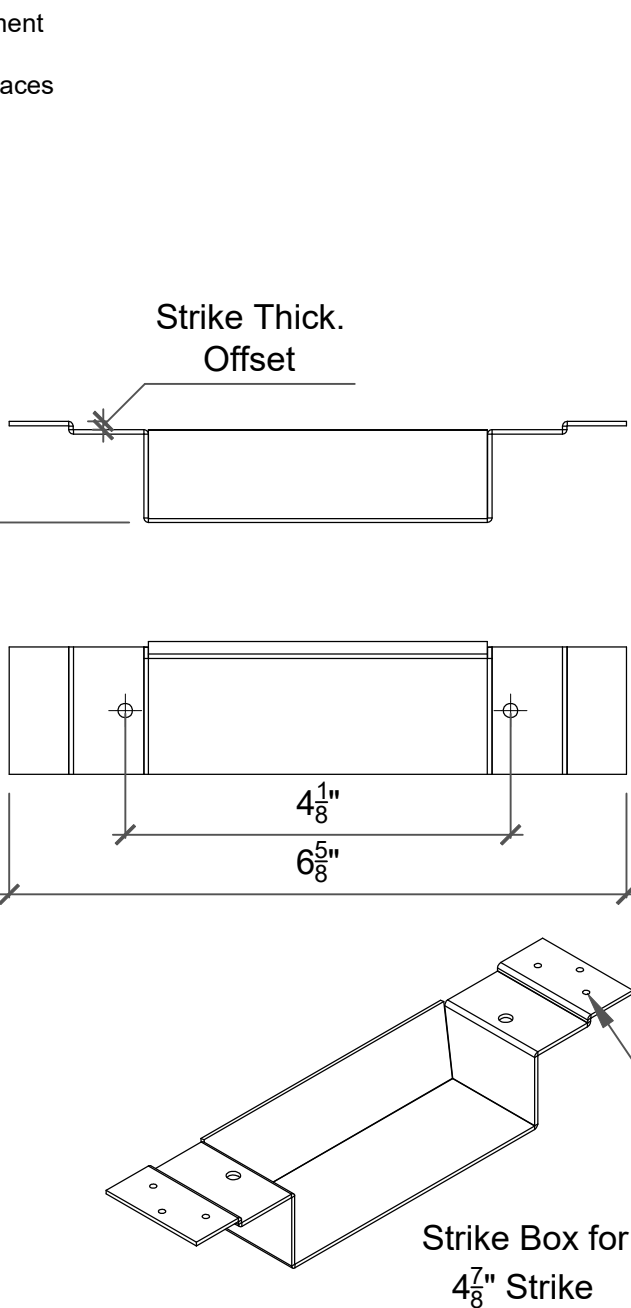
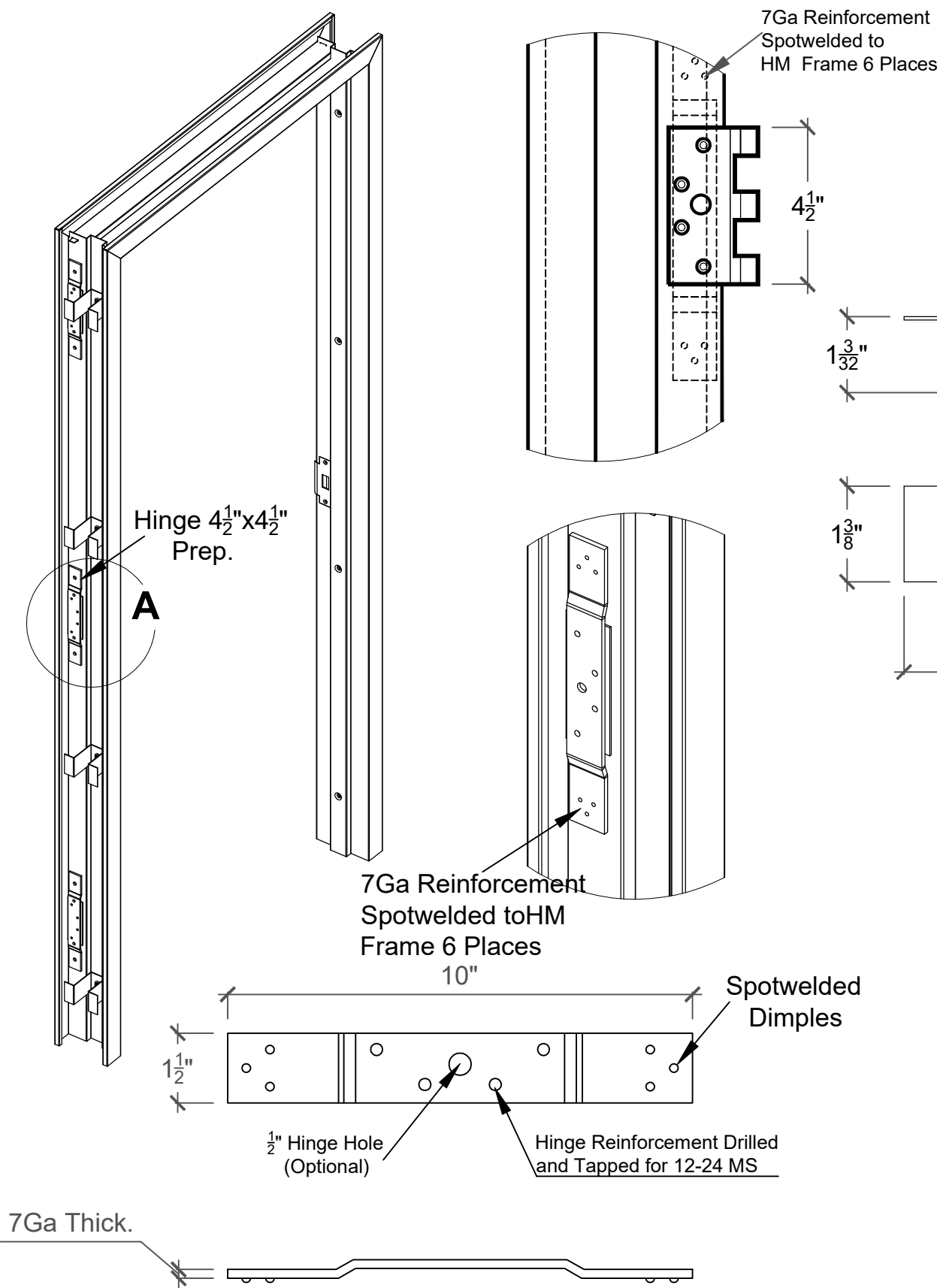
KA

Sheet #

9 of 40

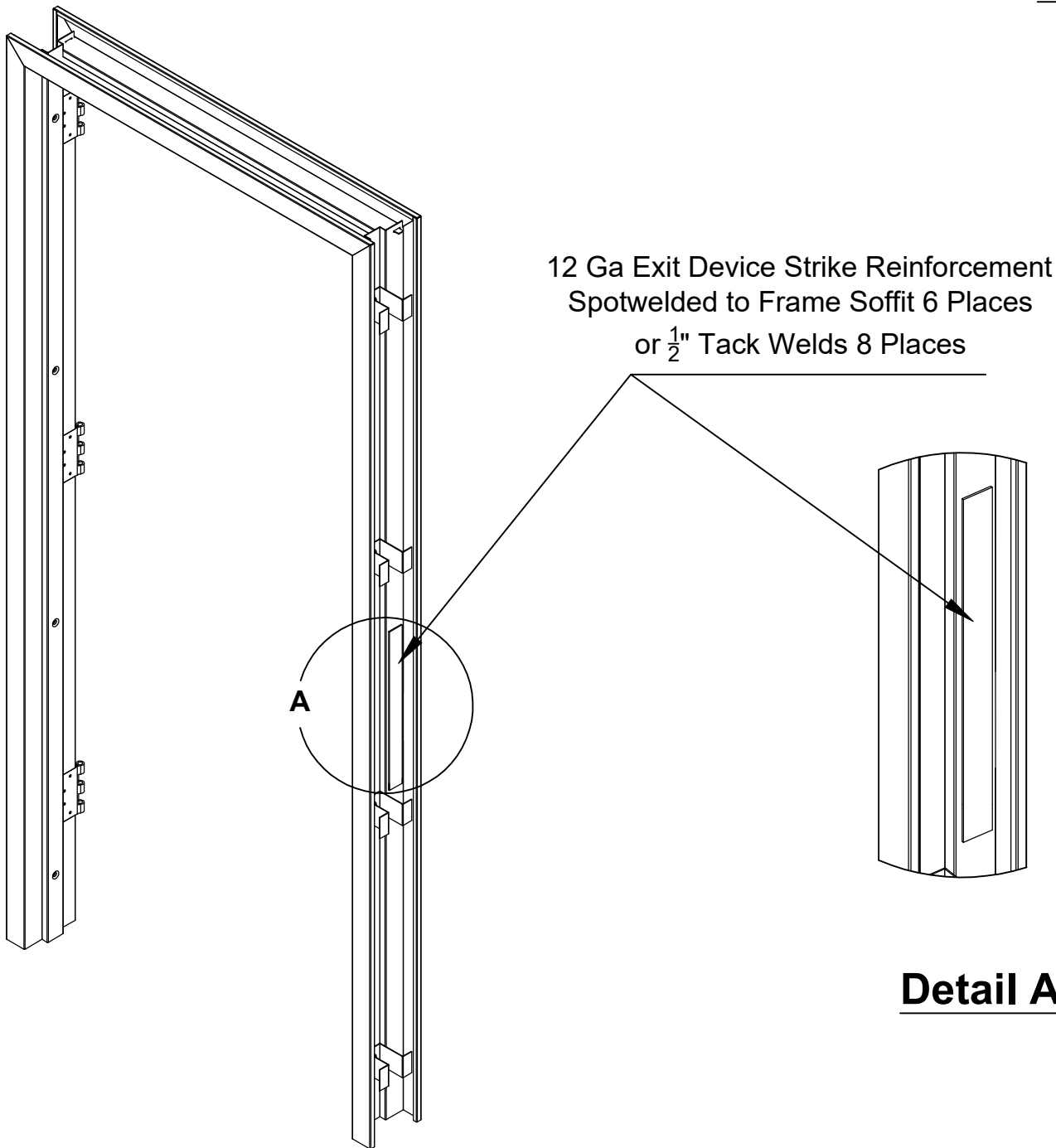
Typical Hinges Reinforcement Detail For Frames
"SC1","SC2","SC3","PC1","PC2","PC3","PC4","PC5"

Typical Strike Box Detail For Frames
"SC1","SC2"

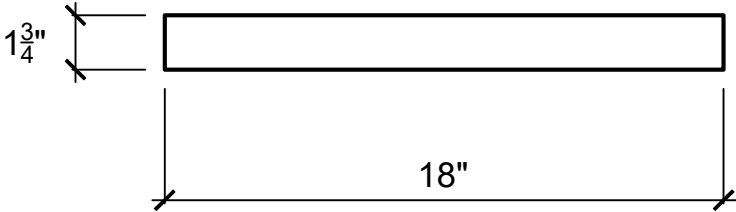


L.I.F. Industries, Inc. Long Island Fireproof Door	Project Name		Revision #0 Dated 06-28-10	
	Windstorm Test		Drawn: OK	Checked: KA
			Date: 06-29-10	Sheet # 11 of 40

Exit Device Reinforcement Detail
for Frame "SC3"



12 Ga Rim Exit Device Reinforcement



L.I.F. Industries, Inc.
Long Island Fireproof Door

Project Name

Windstorm Test

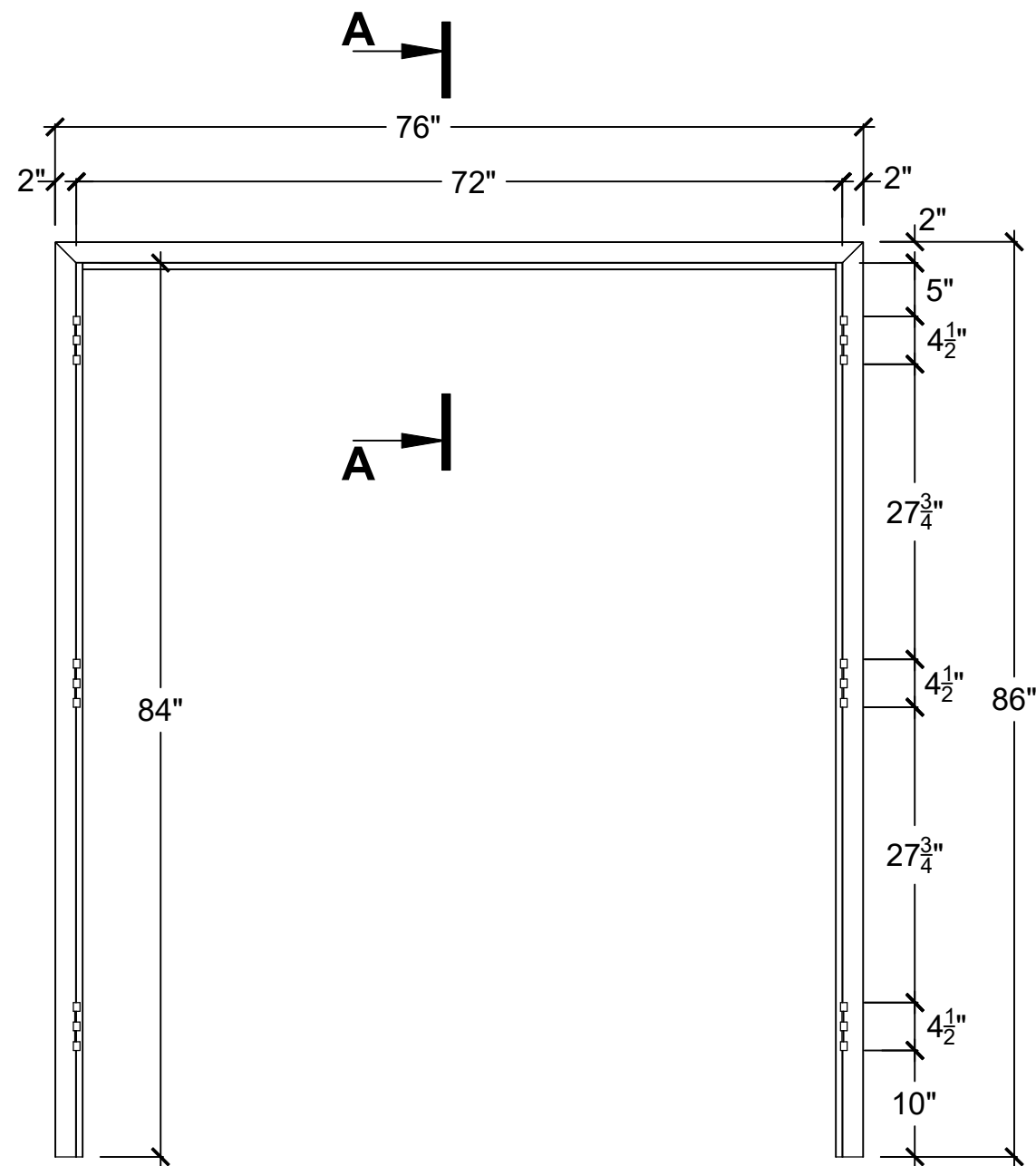
Revision #0
Dated 06-28-10

Drawn:
OK

Date:
06-30-10

Checked:
KA

Sheet #
12 of 40



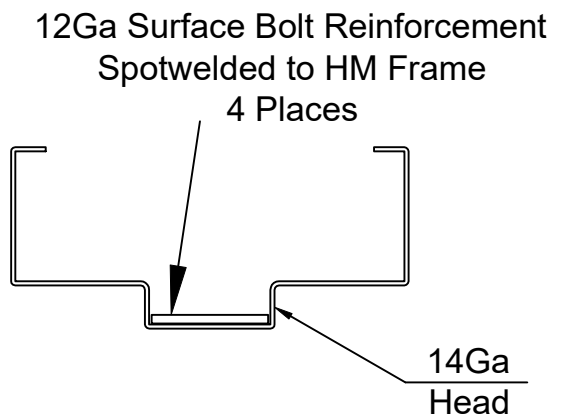
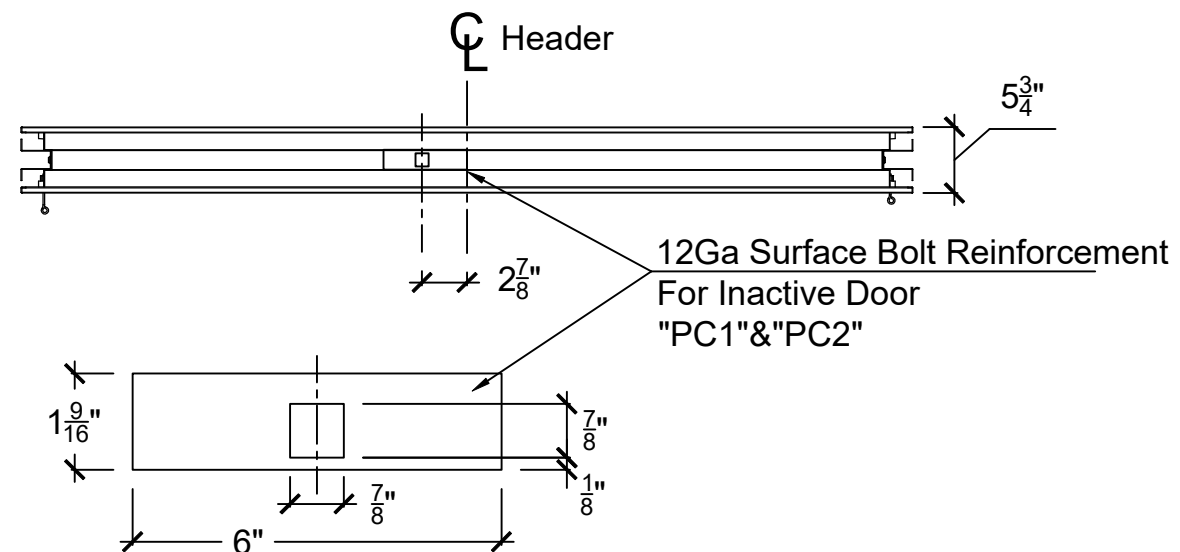
Configuration:

"PC1"

"PC2"

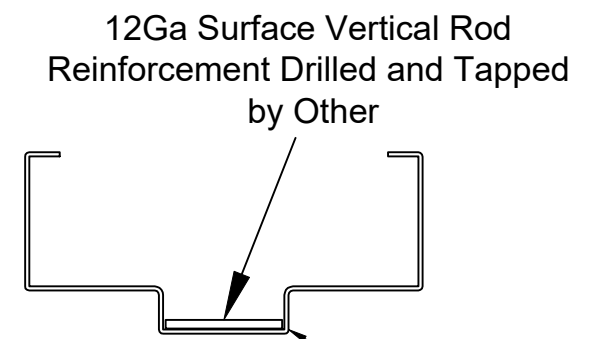
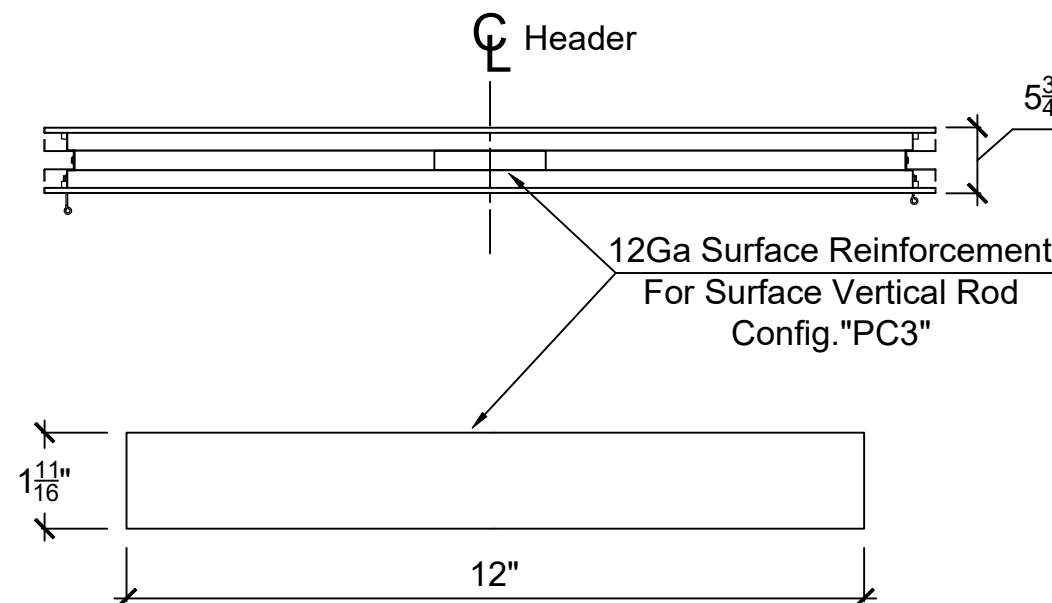
"PC3"

Surface Bolt Reinforcement Detail Inactive Door Leaf for Frames "PC1","PC2"



Section A-A
"PC1","PC2"

Exit Device Surface Vertical Rod Reinforcement Detail for Frames "PC3"



Section A-A
Config."PC3"

L.I.F. Industries, Inc.
Long Island Fireproof Door

Project Name

Windstorm Test

Revision #0
Dated 06-28-10

Drawn:

OK

Date:

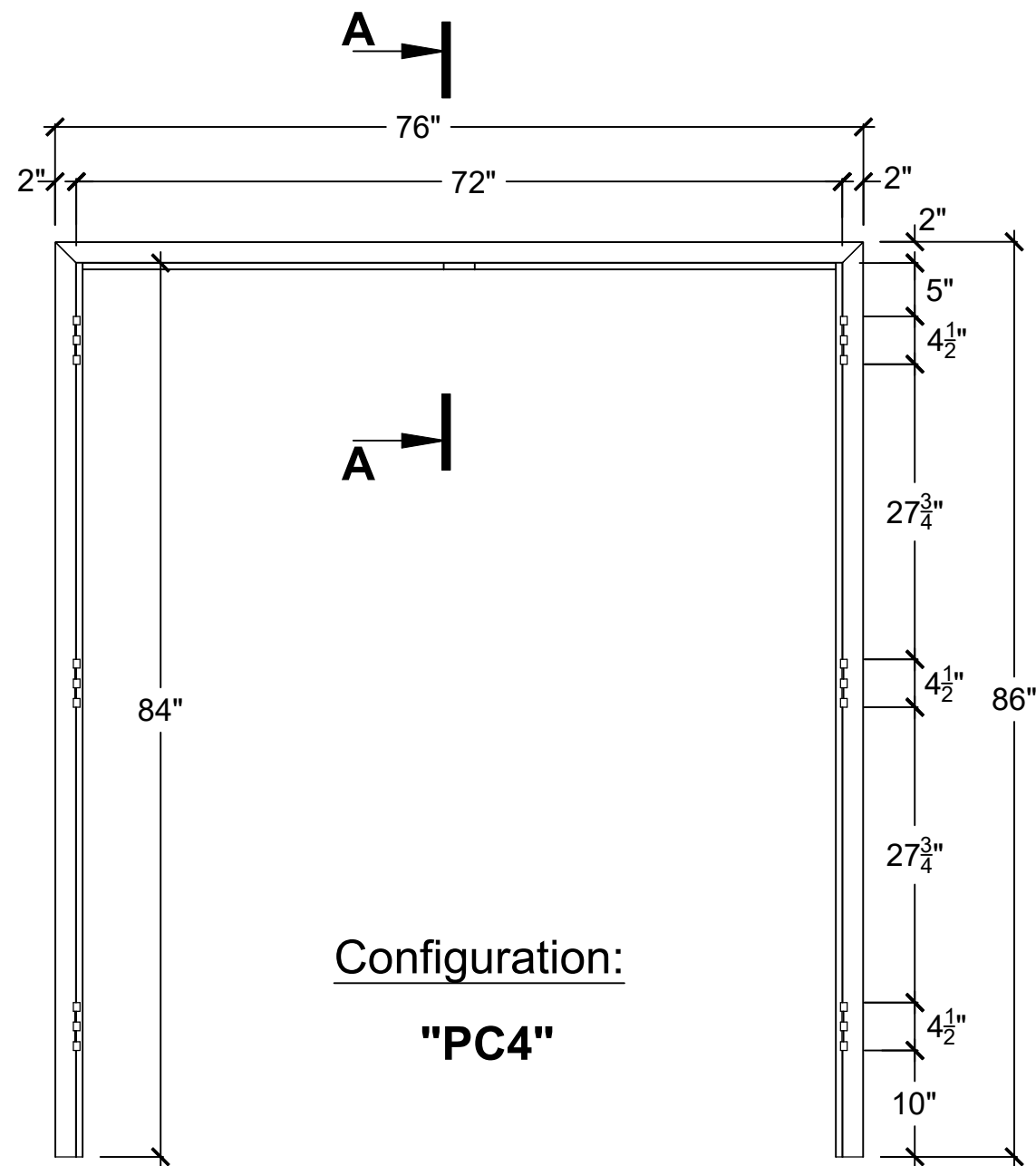
06-30-10

Checked:

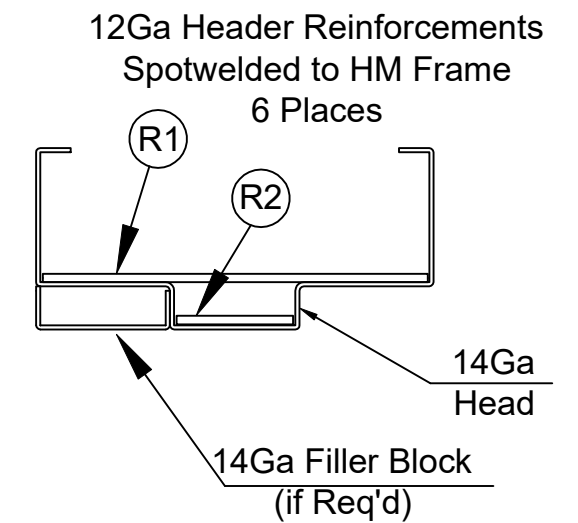
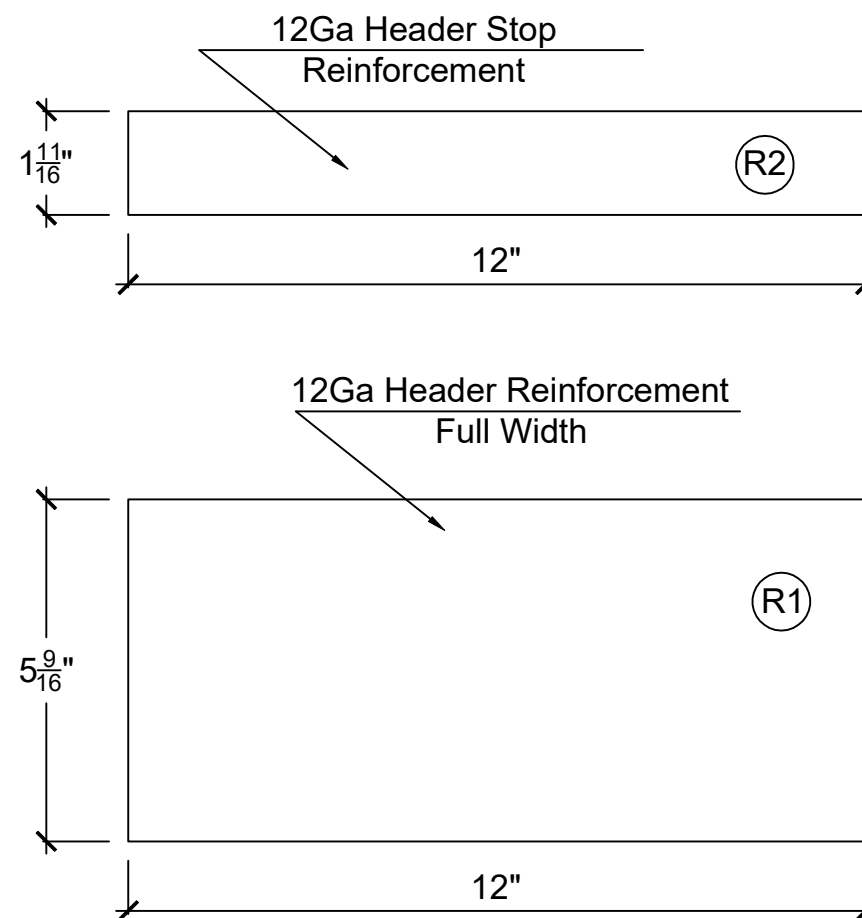
KA

Sheet #

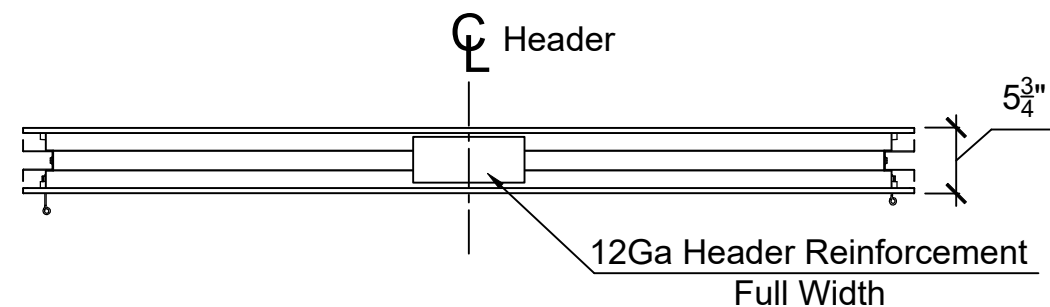
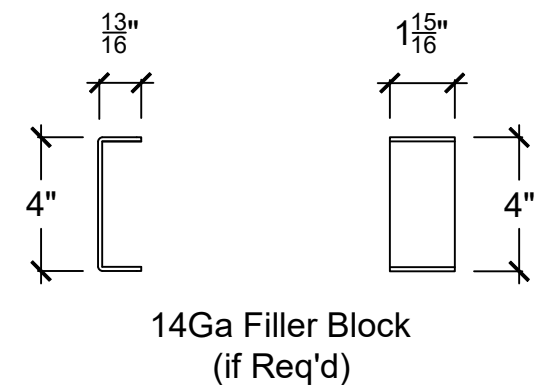
13 of 40



Hardware Mullion Reinforcement and Filler Block Detail Frames "PC4"



Section A-A
Config."PC4"



L.I.F. Industries, Inc.
Long Island Fireproof Door

Project Name

Windstorm Test

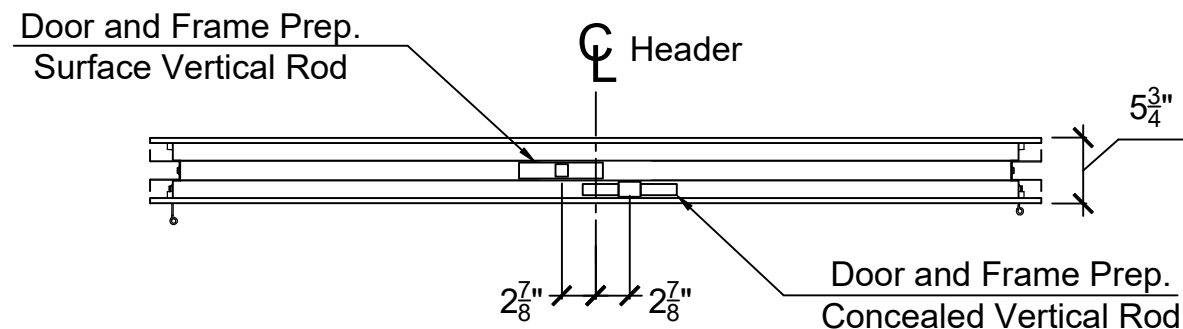
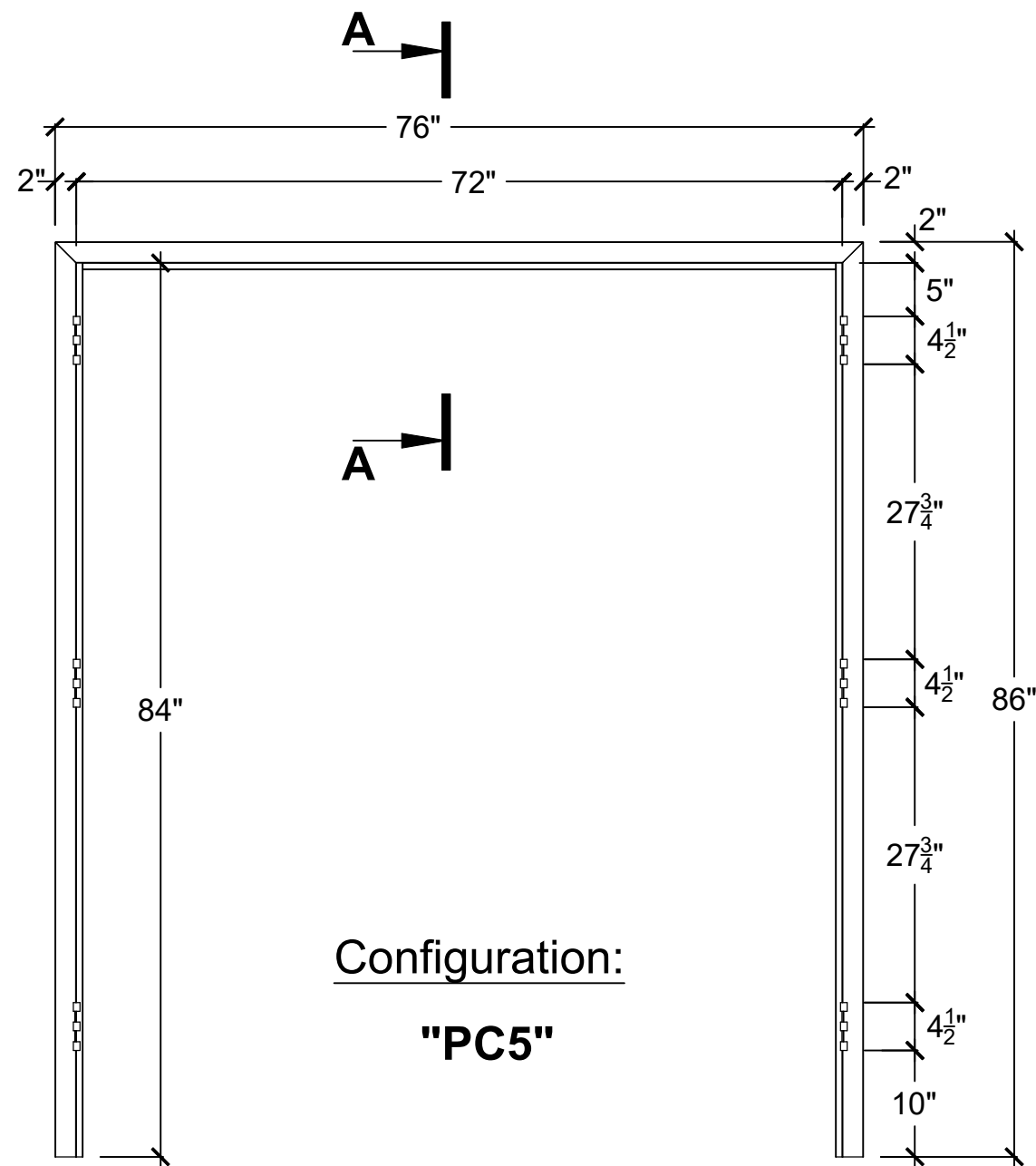
Revision #0
Dated 06-28-10

Drawn:
OK

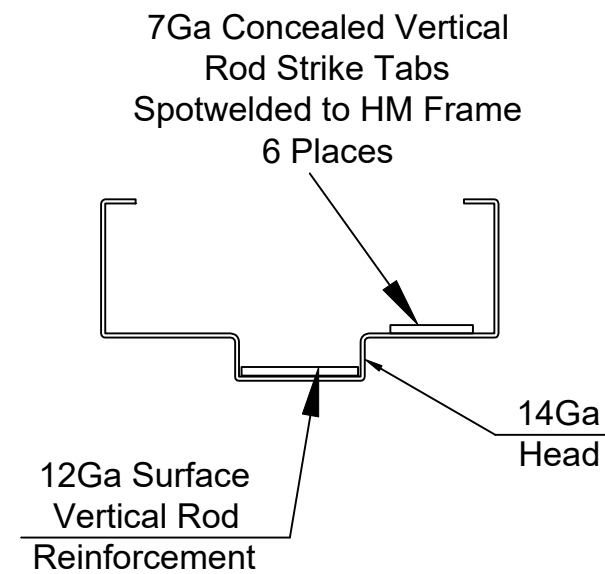
Date:
06-30-10

Checked:
KA

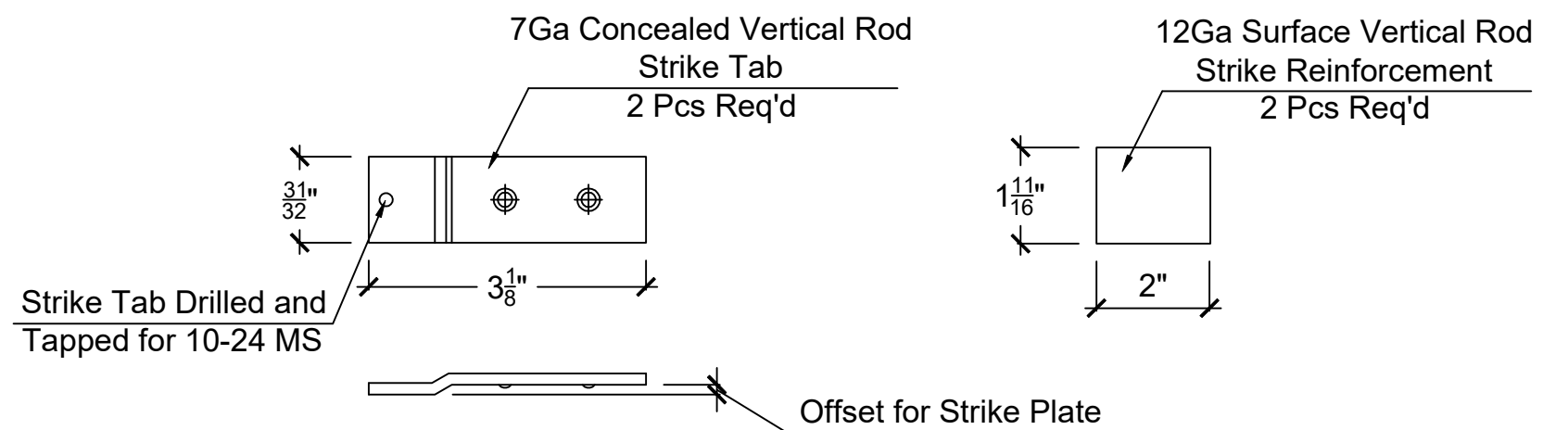
Sheet #
14 of 40



Exit Device Concealed Vertical Rod Surface Vertical Rod Header Reinforcement for Frame "PC5"



Section A-A Config."PC5"



L.I.F. Industries, Inc.
Long Island Fireproof Door

Project Name

Windstorm Test

Revision #0
 Dated 06-30-10

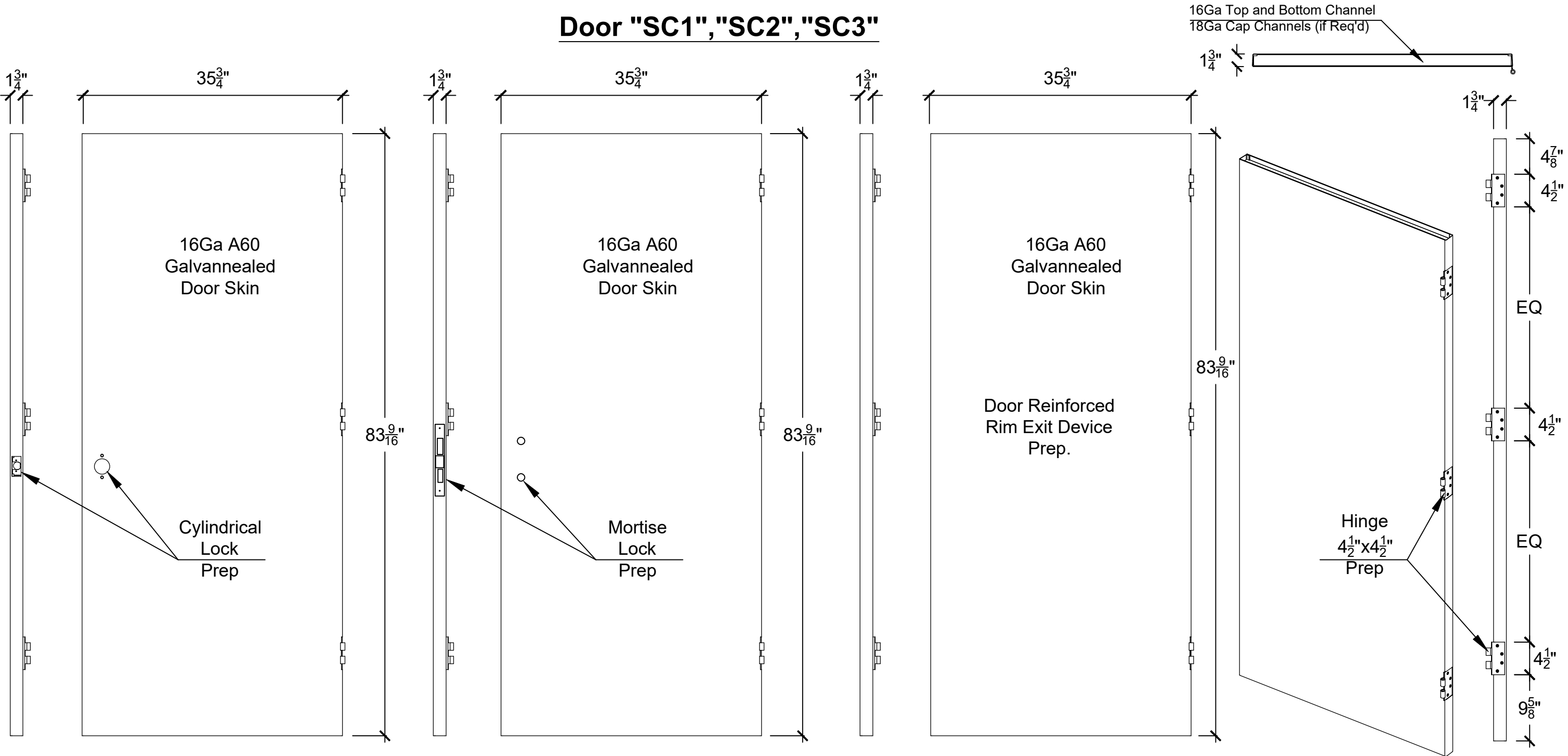
Drawn:
OK

Date:
 06-30-10

Checked:
KA

Sheet #
 15 of 40

Door "SC1","SC2","SC3"



Hardware Set SC1:

Lock - Corbin Russwin CL3300 Series Cylindrical Lockset

Hinges - McKinney # TA2714, 1 1/2 Pair 4 1/2" x 4 1/2" Regular Weight with 12-24 MS

Hardware Set SC2:

Lock - Sargent 8200 Series Mortise Lock
Hinges - McKinney # TA2714, 1 1/2 Pair 4 1/2" x 4 1/2" Regular Weight with 12-24 MS

Hardware Set SC3:

Exit Device - Yale 7150 FWS with Windstorm Interlocking Bracket
Hinges - McKinney # TA2714, 1 1/2 Pair 4 1/2" x 4 1/2" Regular Weight with 12-24 MS

L.I.F. Industries, Inc.
Long Island Fireproof Door

Project Name

Windstorm Test

Revision #0
Dated 06-30-10

Drawn:

OK

Date:

06-30-10

Checked:

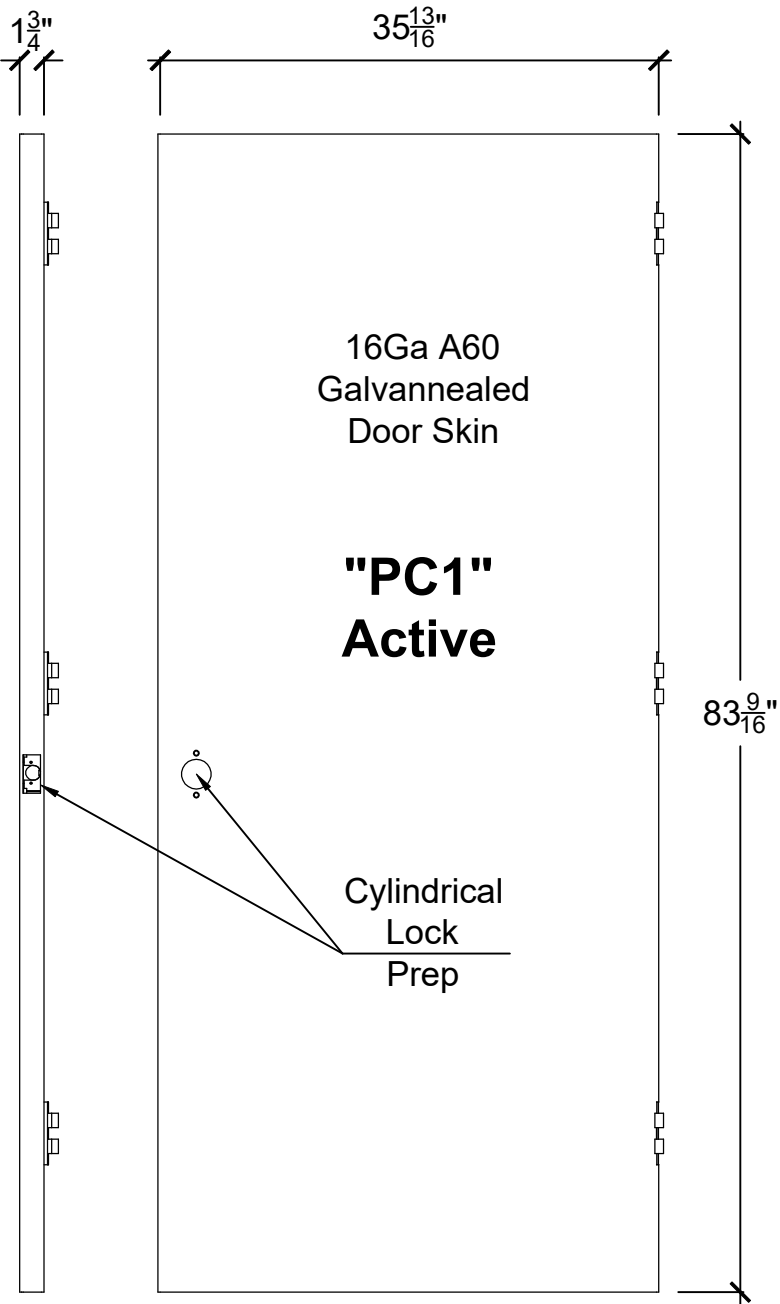
KA

Sheet #

16 of 40

NOTE: HARDWARE SPECIFIED OR EQUAL

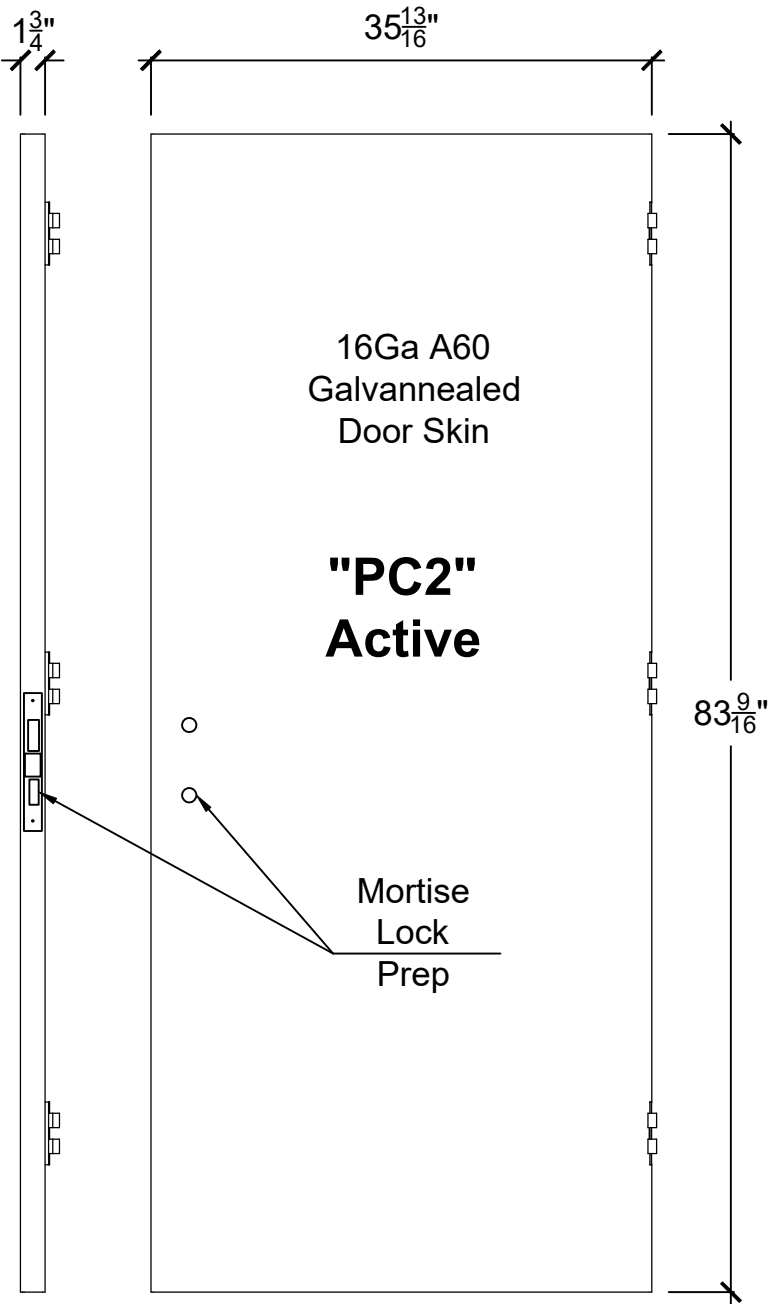
Door "PC1","PC2" (Active)



Hardware Set PC1:

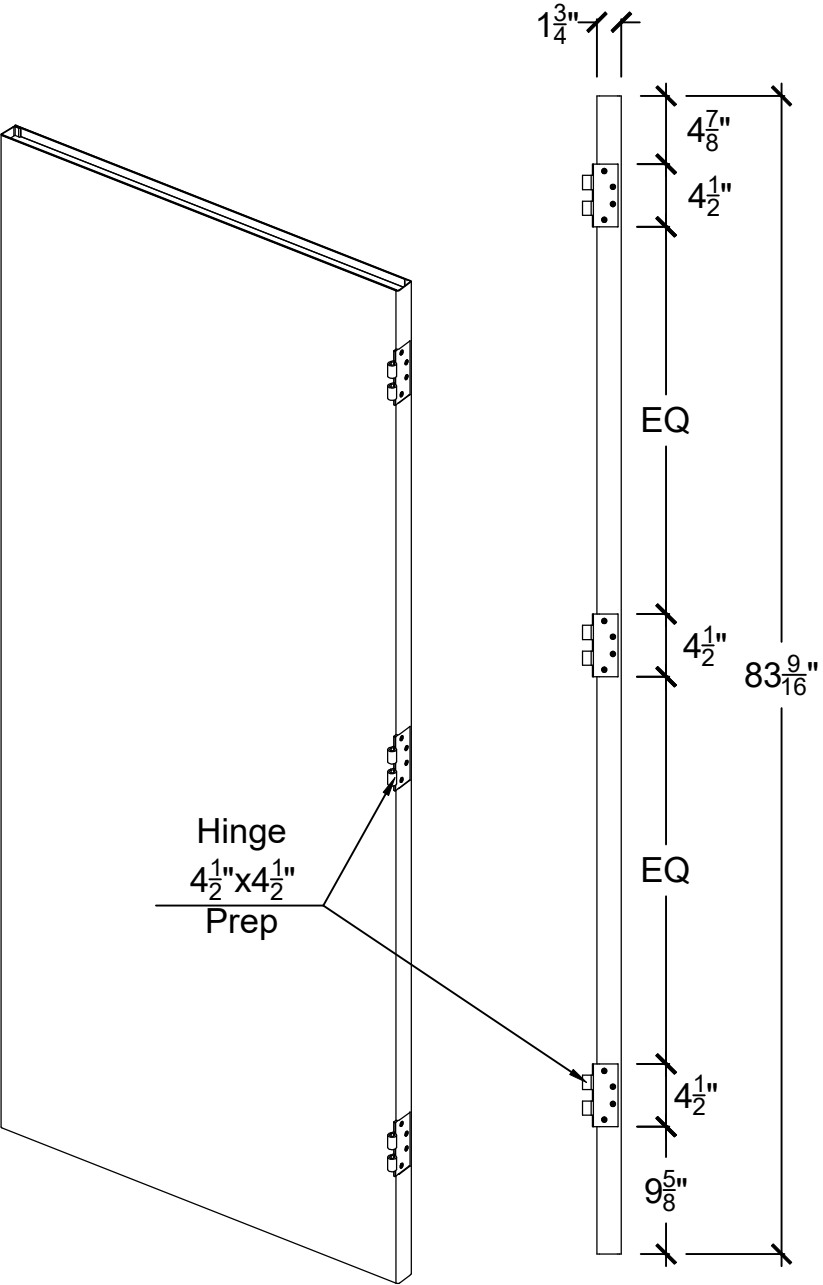
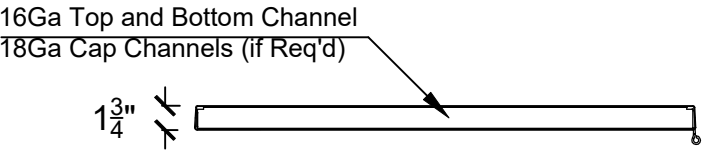
Lock - Corbin Russwin CL3300 Series Cylindrical Lockset(Active Leaf)
Hinges - McKinney # TA2714, 1 1/2 Pair 4 1/2" x 4 1/2" Regular Weight with 12-24 MS

NOTE: HARDWARE SPECIFIED OR EQUAL



Hardware Set PC2:

Lock - Sargent 8200 Series Mortise Lock (Active Leaf)
Hinges - McKinney # TA2714, 1 1/2 Pair 4 1/2" x 4 1/2" Regular Weight with 12-24 MS



L.I.F. Industries, Inc.
Long Island Fireproof Door

Project Name

Windstorm Test

Revision #0
Dated 06-30-10

Drawn:

OK

Date:

06-30-10

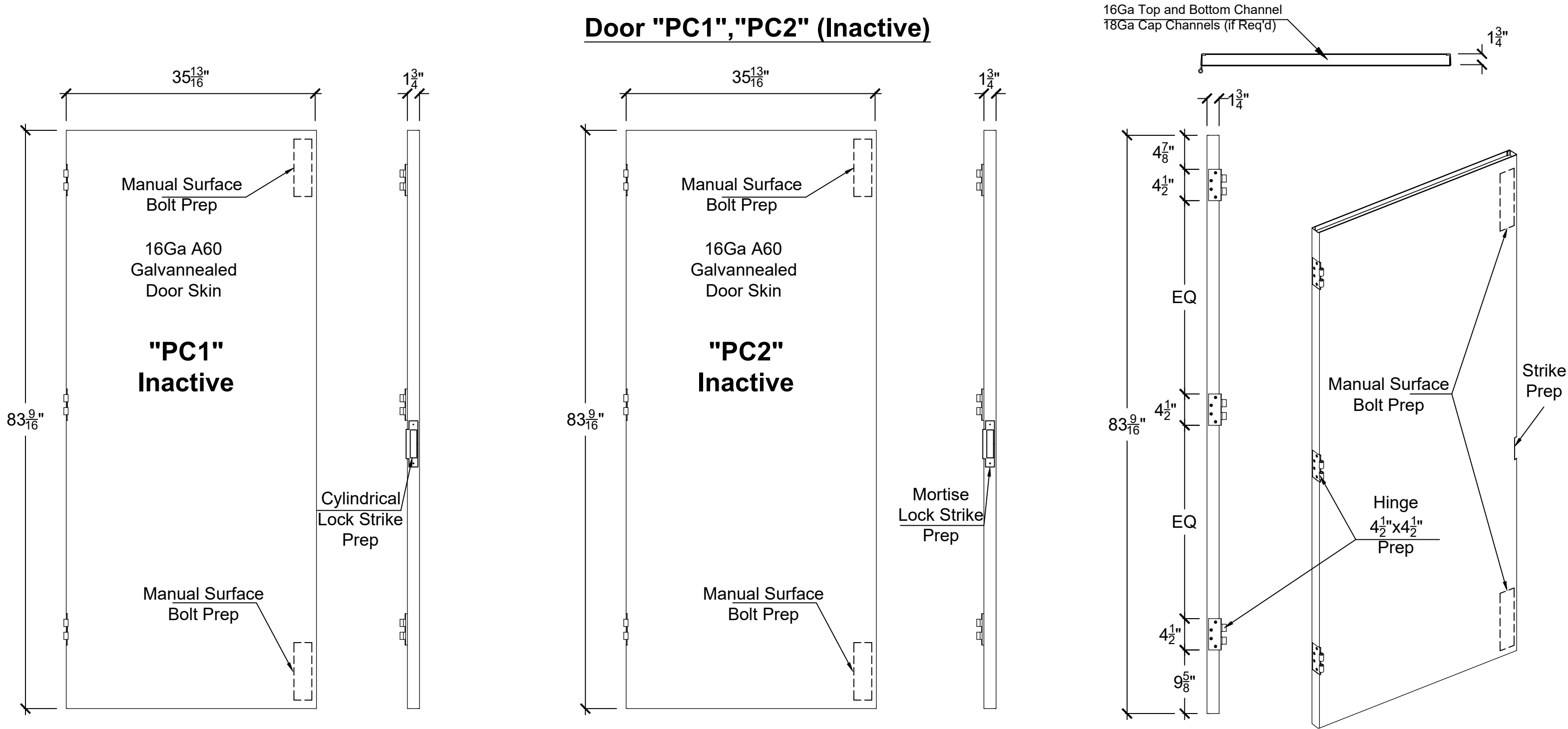
Checked:

KA

Sheet #

17 of 40

Door "PC1","PC2" (Inactive)



Hardware Set PC1:

Lock - Corbin Russwin CL3300 Series Cylindrical Lockset(Active Leaf)
Manual Surface Bolt - Yale 988Y (Inactive Leaf)
Hinges - McKinney # TA2714, 1¹/₂ Pair 4¹/₂" x 4¹/₂" Regular Weight with 12-24 MS

NOTE: HARDWARE SPECIFIED OR EQUAL

Hardware Set PC2:

Lock - Sargent 8200 Series Mortise Lock (Active Leaf)
Manual Surface Bolt - Yale 988Y (Inactive Leaf)
Hinges - McKinney # TA2714, 1¹/₂ Pair 4¹/₂" x 4¹/₂" Regular Weight with 12-24 MS

L.I.F. Industries, Inc.
Long Island Fireproof Door

Project Name

Windstorm Test

Revision #0
Dated 06-30-10

Drawn:

OK

Date:

06-30-10

Checked:

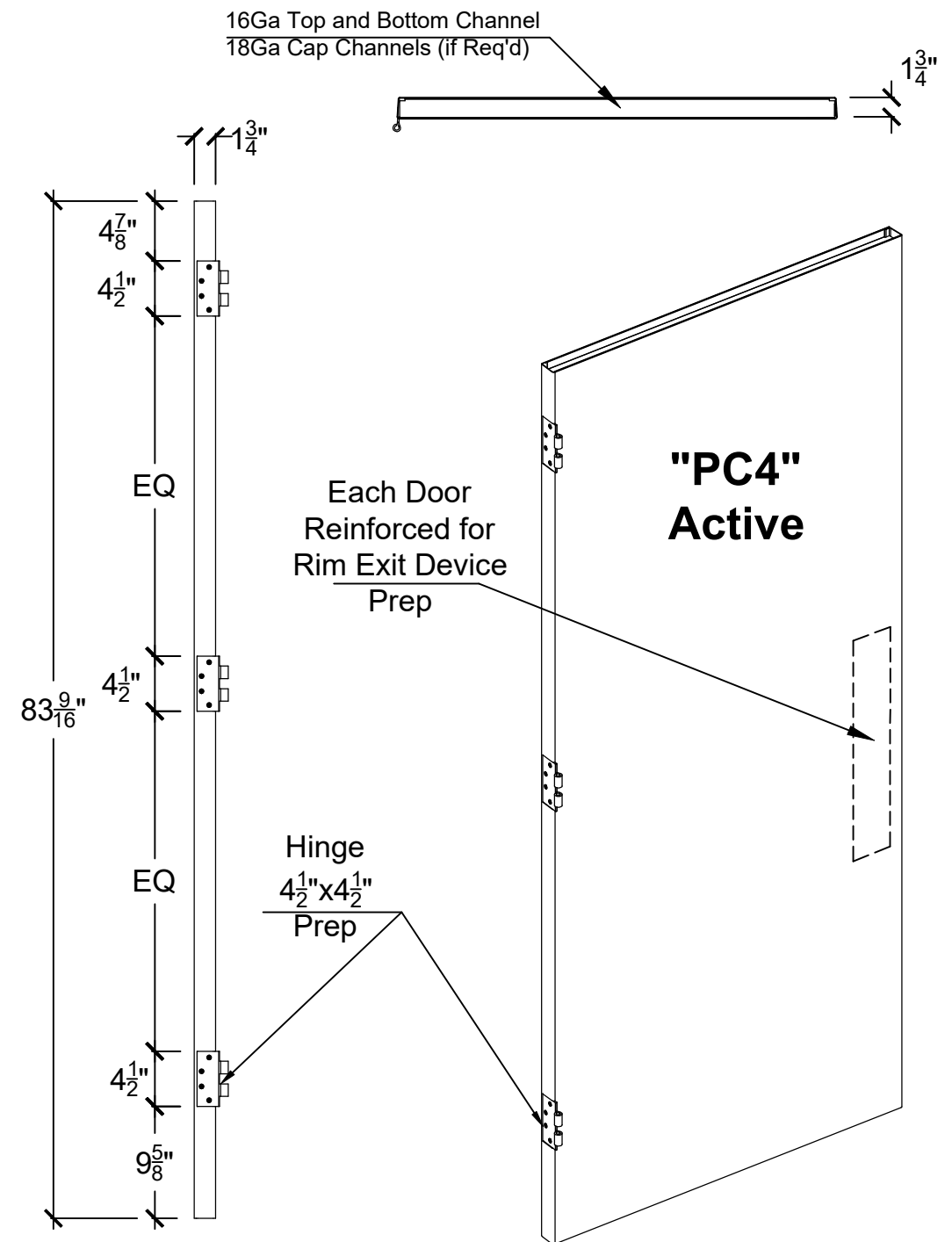
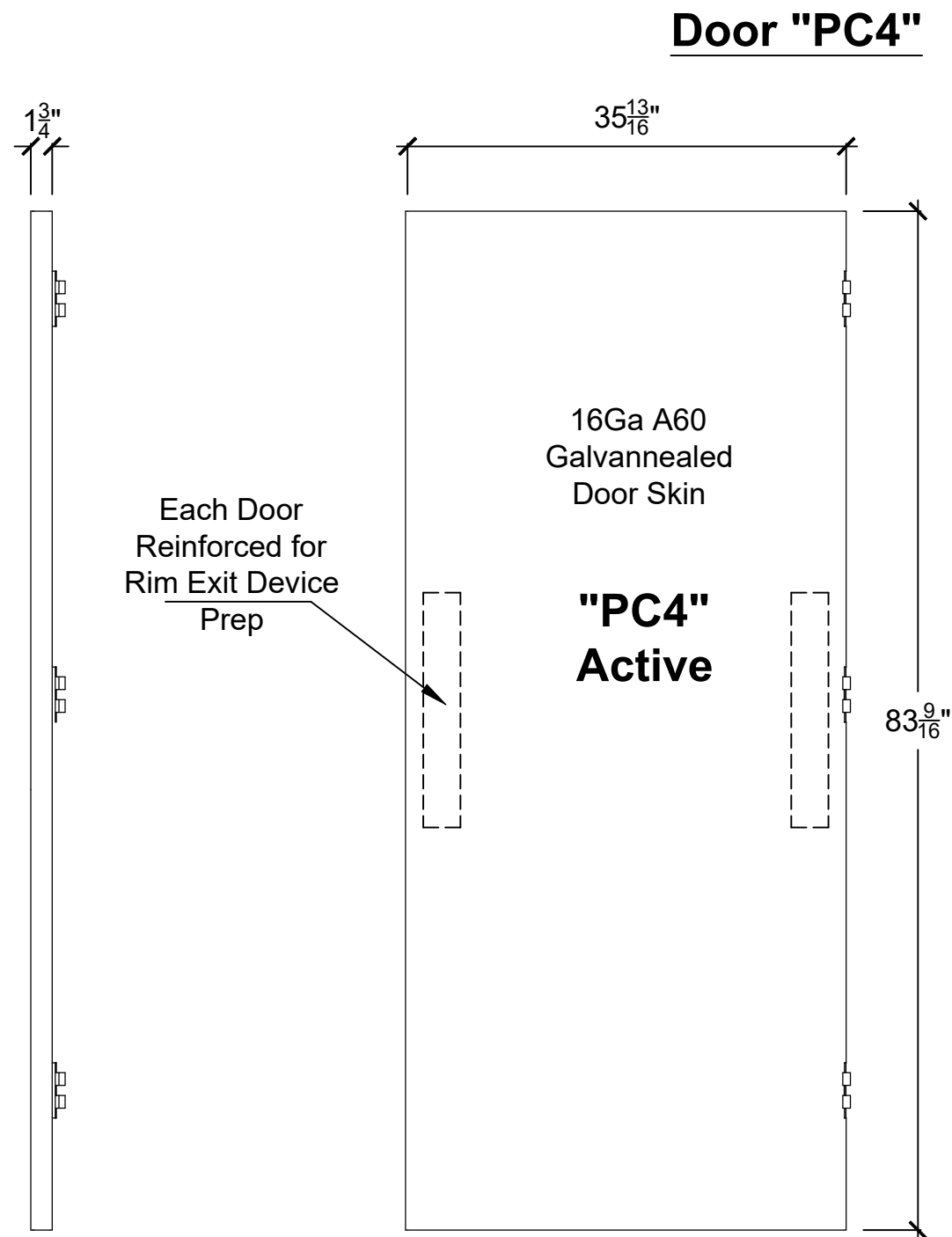
KA

Sheet #

18 of 40

16Ga Top and Bottom Channel
18Ga Cap Channels (if Req'd)

~~19 of 40~~



Hardware Set PC4:

Rim Exit Device - Yale 7150 with Windstorm Interlocking Strike Bracket (Each Leaf)

Removable Mullion - Yale M200 FWS

Hinges - McKinney # TA2714, $1\frac{1}{2}"$ Pair $4\frac{1}{2}" \times 4\frac{1}{2}"$ Regular Weight with 12-24 MS

NOTE: HARDWARE SPECIFIED OR EQUAL

L.I.F. Industries, Inc.
Long Island Fireproof Door

Project Name

Windstorm Test

Revision #0
Dated 07-01-10

Drawn:

OK

Date:

07-01-10

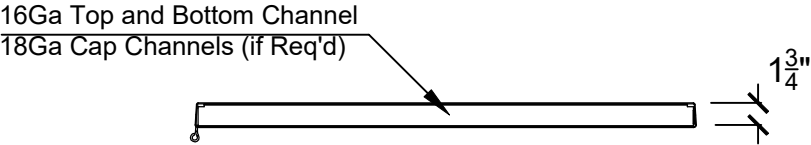
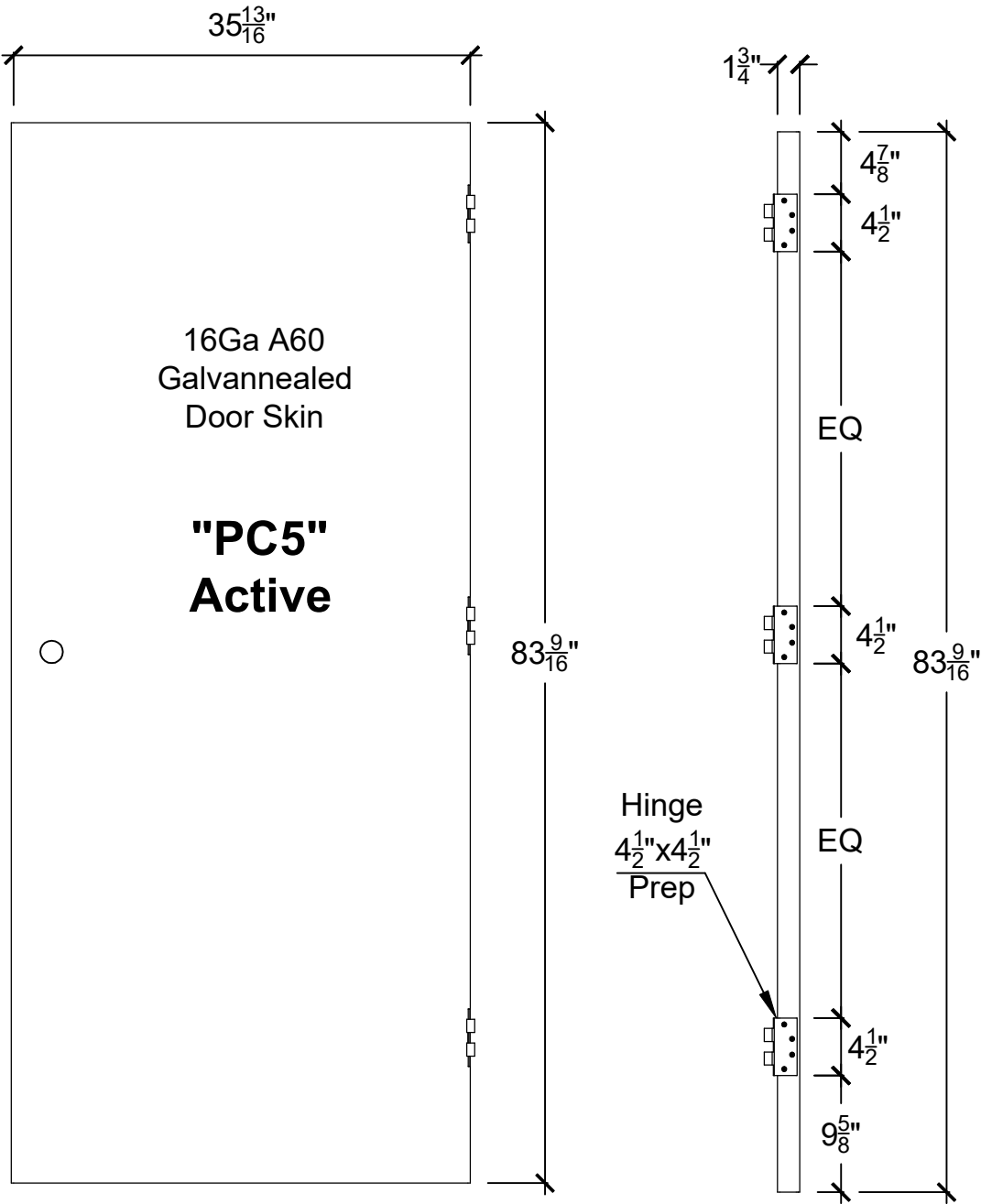
Checked:

KA

Sheet #

20 of 40

Door "PC5"(Active)



Concealed Vertical Rod Exit Device Exterior Activator Prep

"PC5" Active

View From Exterior Side

Concealed Vertical Rod Exit Device Interior Push Bar Prep

"PC5" Active

View From Interior Side

Hardware Set PC5:

Concealed Vertical Rod Exit Device - Sargent 8600 CVR Exit Device (Active Leaf)
Surface Vertical Rod Exit Device - Sargent HC 8700 SVR Exit Device (Inactive Leaf)
Hinges - McKinney # TA2714, 1 1/2 Pair 4 1/2" x 4 1/2" Regular Weight with 12-24 MS

NOTE: HARDWARE SPECIFIED OR EQUAL

L.I.F. Industries, Inc.
Long Island Fireproof Door

Project Name

Windstorm Test

Revision #0
Dated 07-01-10

Drawn:

OK

Date:

07-01-10

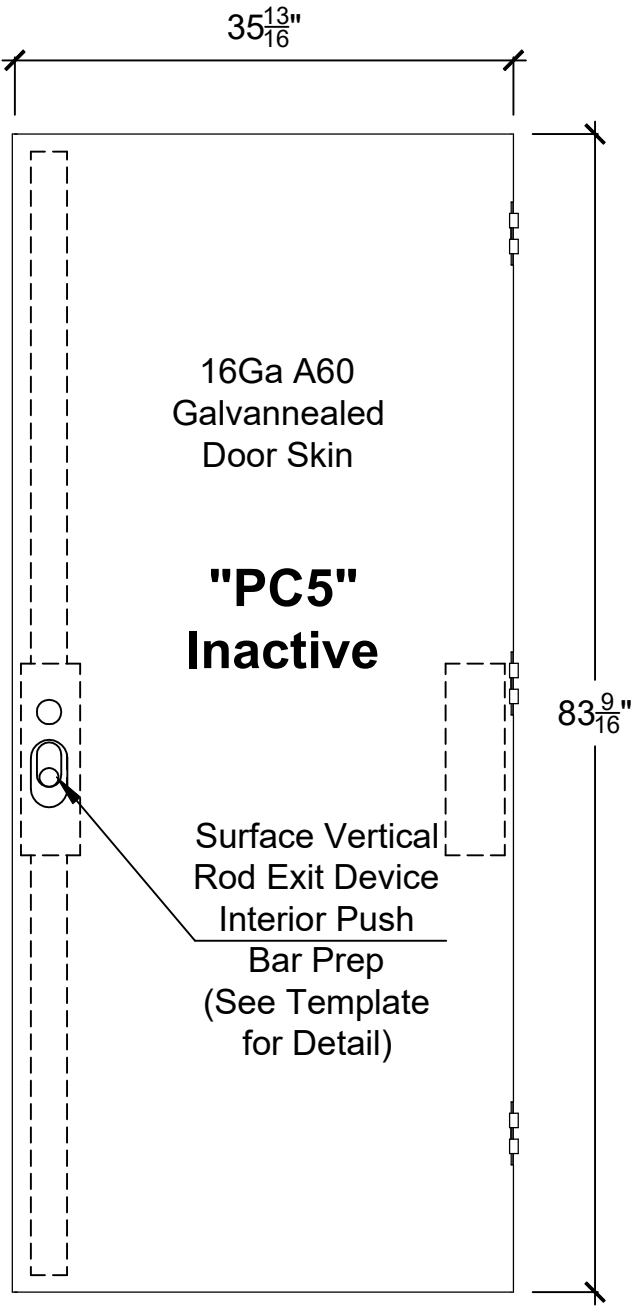
Checked:

KA

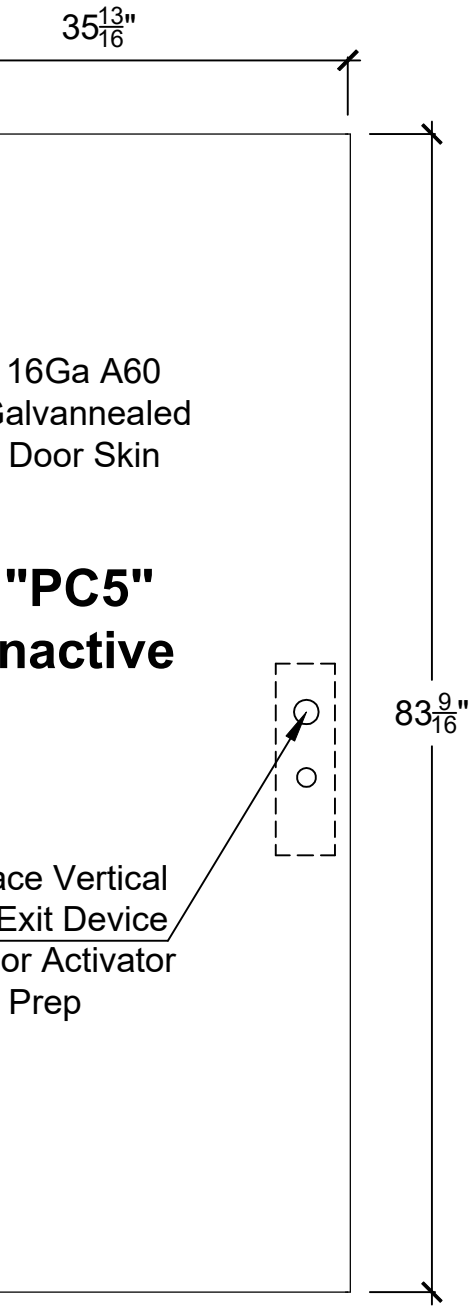
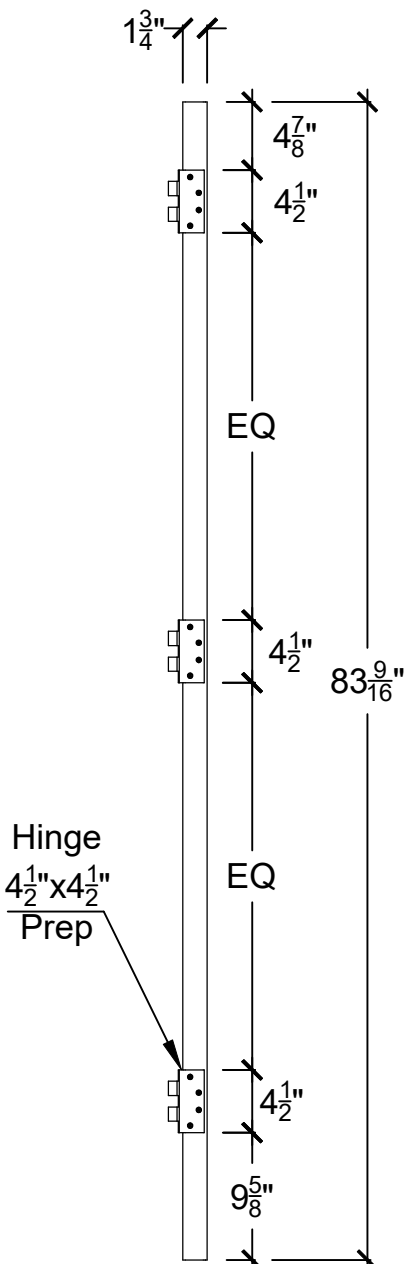
Sheet #

21 of 40

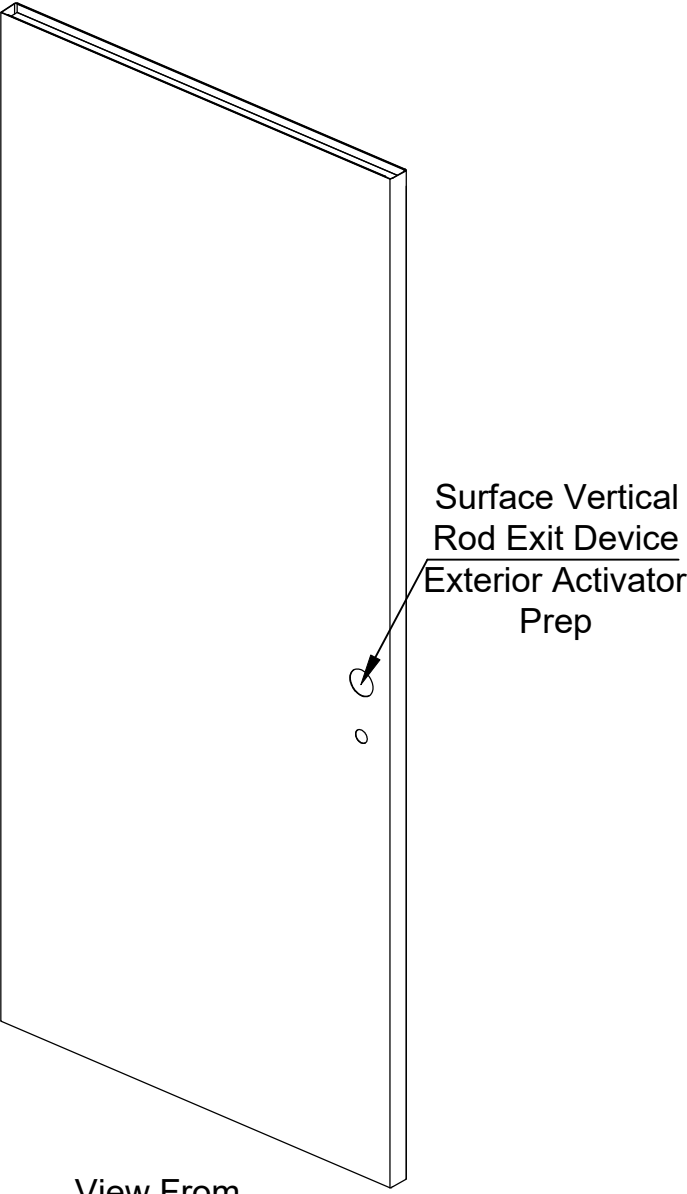
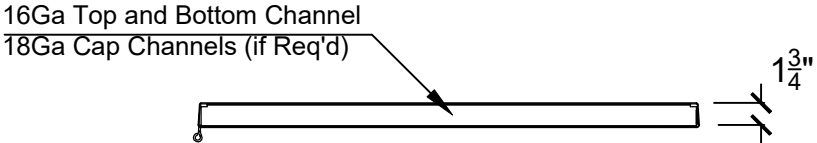
Door "PC5"(Inactive)



View From



View From Exterior Side



View From Exterior Side

Hardware Set PC5:

Concealed Vertical Rod Exit Device - Sargent 8600 CVR Exit Device (Active Leaf)
Surface Vertical Rod Exit Device - Sargent HC 8700 SVR Exit Device (Inactive Leaf)
Hinges - McKinney # TA2714, 1¹/₂ Pair 4¹/₂" x 4¹/₂" Regular Weight with 12-24 MS

NOTE: HARDWARE SPECIFIED OR EQUAL

L.I.F. Industries, Inc.
Long Island Fireproof Door

Project Name

Windstorm Test

Revision #0
Dated 07-01-10

Drawn:

OK

Date:

07-01-10

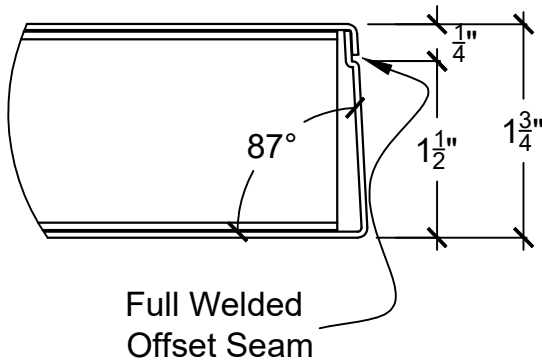
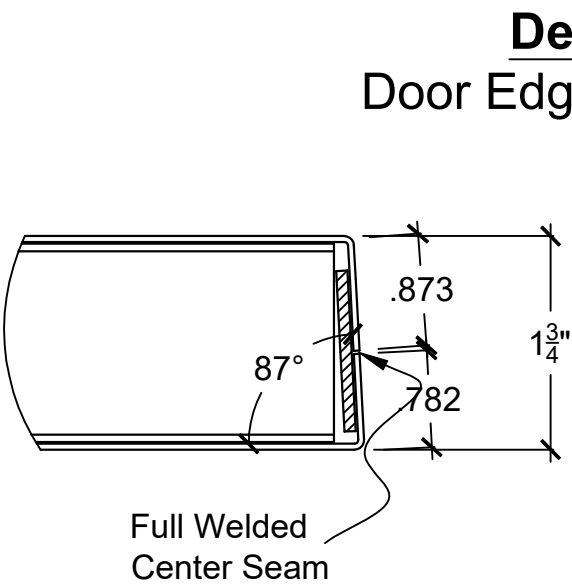
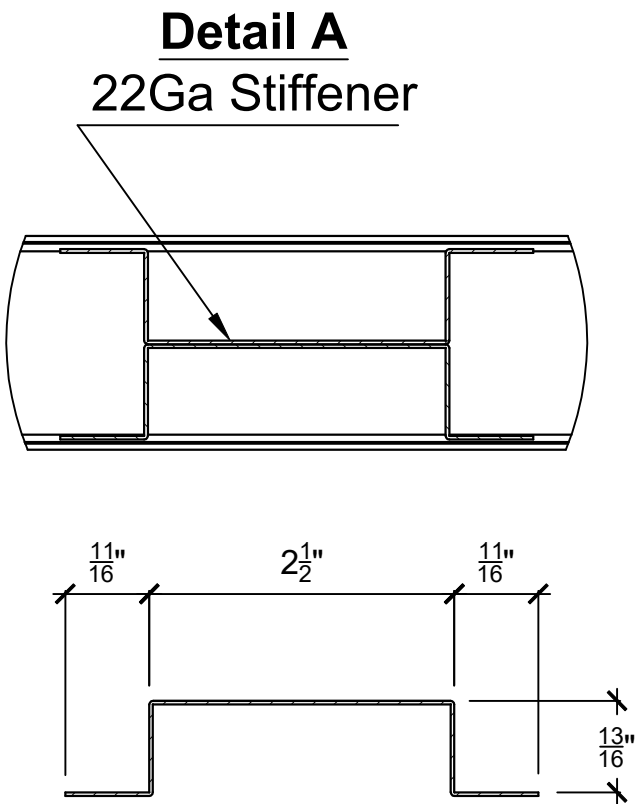
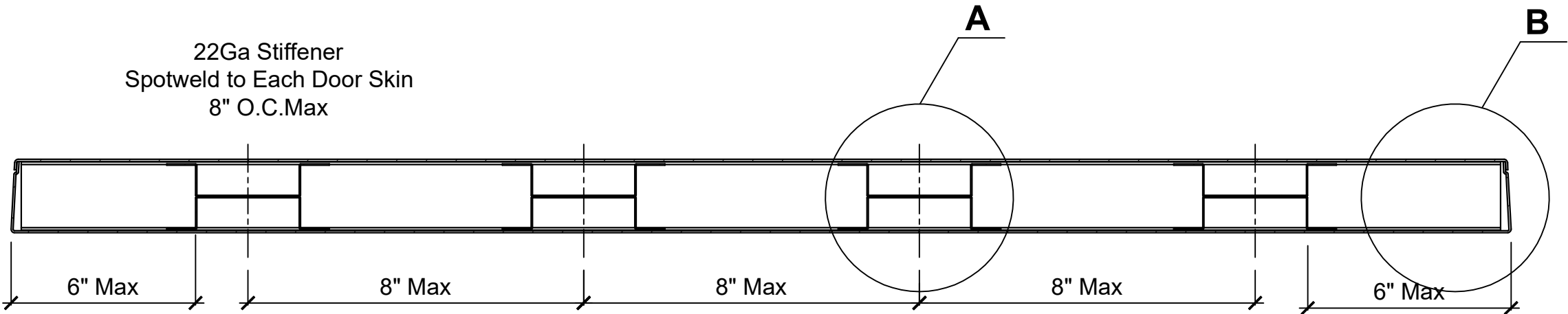
Checked:

KA

Sheet #

22 of 40

Typical Door Section Stiffener Detail
For Doors
"SC1","SC2","SC3","PC1","PC2","PC3","PC4","PC5"



22Ga Stiffener

L.I.F. Industries, Inc.
Long Island Fireproof Door

Project Name

Windstorm Test

Revision #0
Dated 07-01-10

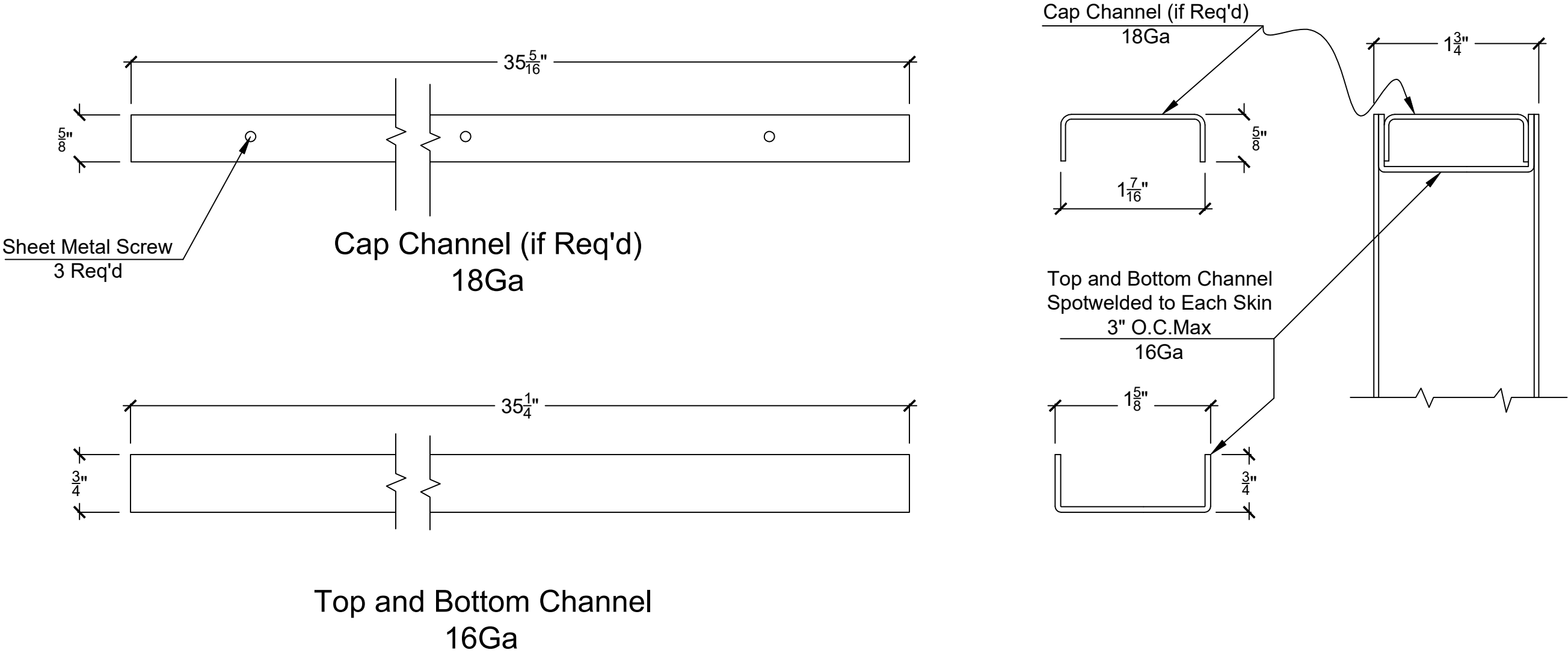
Drawn:
OK

Date:
07-01-10

Checked:
KA

Sheet #
23 of 40

Typical Top and Bottom Channel Detail
For Doors
"SC1","SC2","SC3","PC1","PC2",~~"PC3"~~,"PC4","PC5"



L.I.F. Industries, Inc.
Long Island Fireproof Door

Project Name

Windstorm Test

Revision #0
Dated 07-01-10

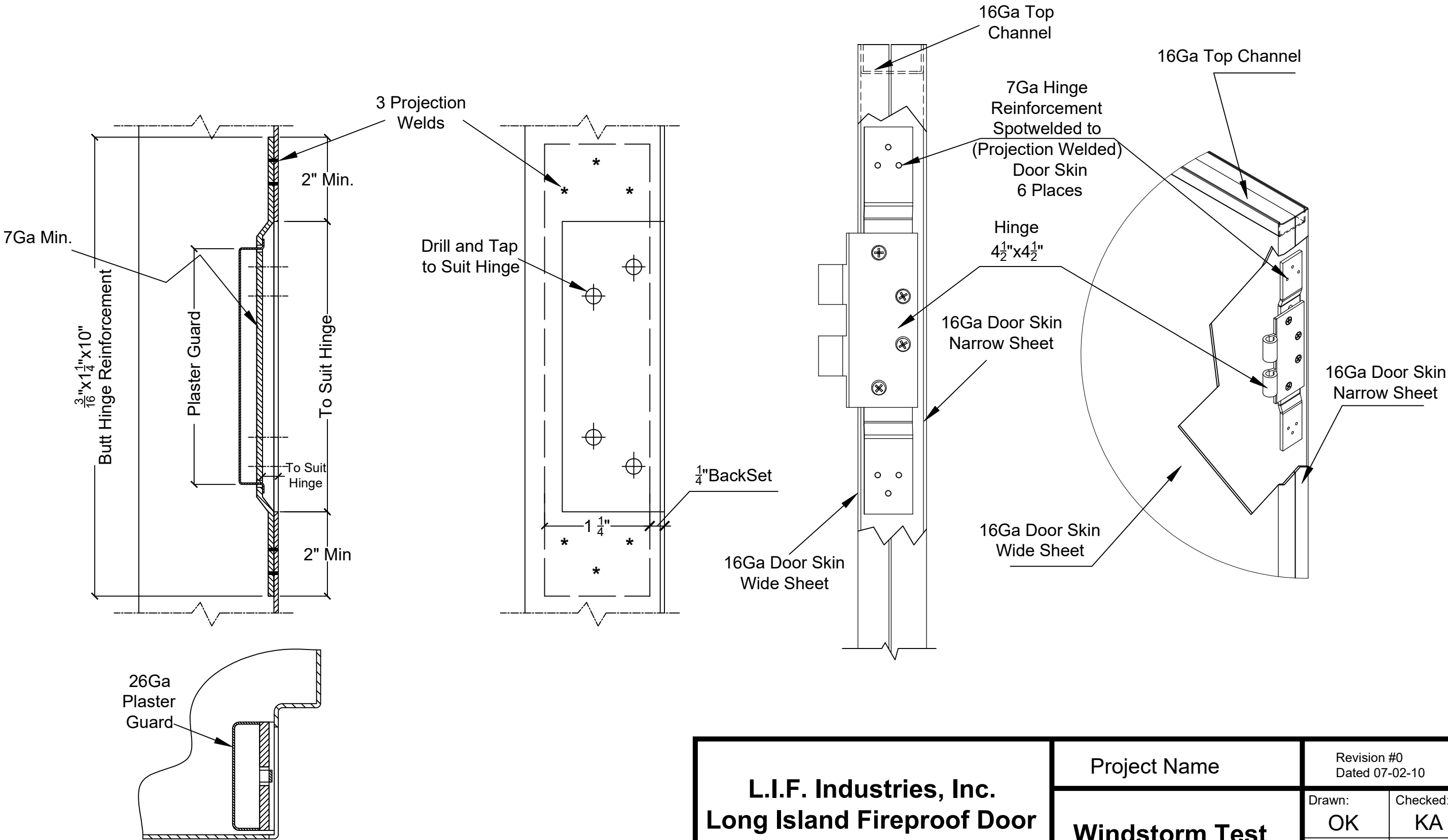
Drawn:
OK

Date:
07-01-10

Checked:
KA

Sheet #
24 of 31

Typical Hinge Reinforcement Detail
For Doors
"SC1","SC2","SC3","PC1","PC2","~~PC3~~","PC4","PC5"



L.I.F. Industries, Inc.
Long Island Fireproof Door

Project Name

Windstorm Test

Revision #0
Dated 07-02-10

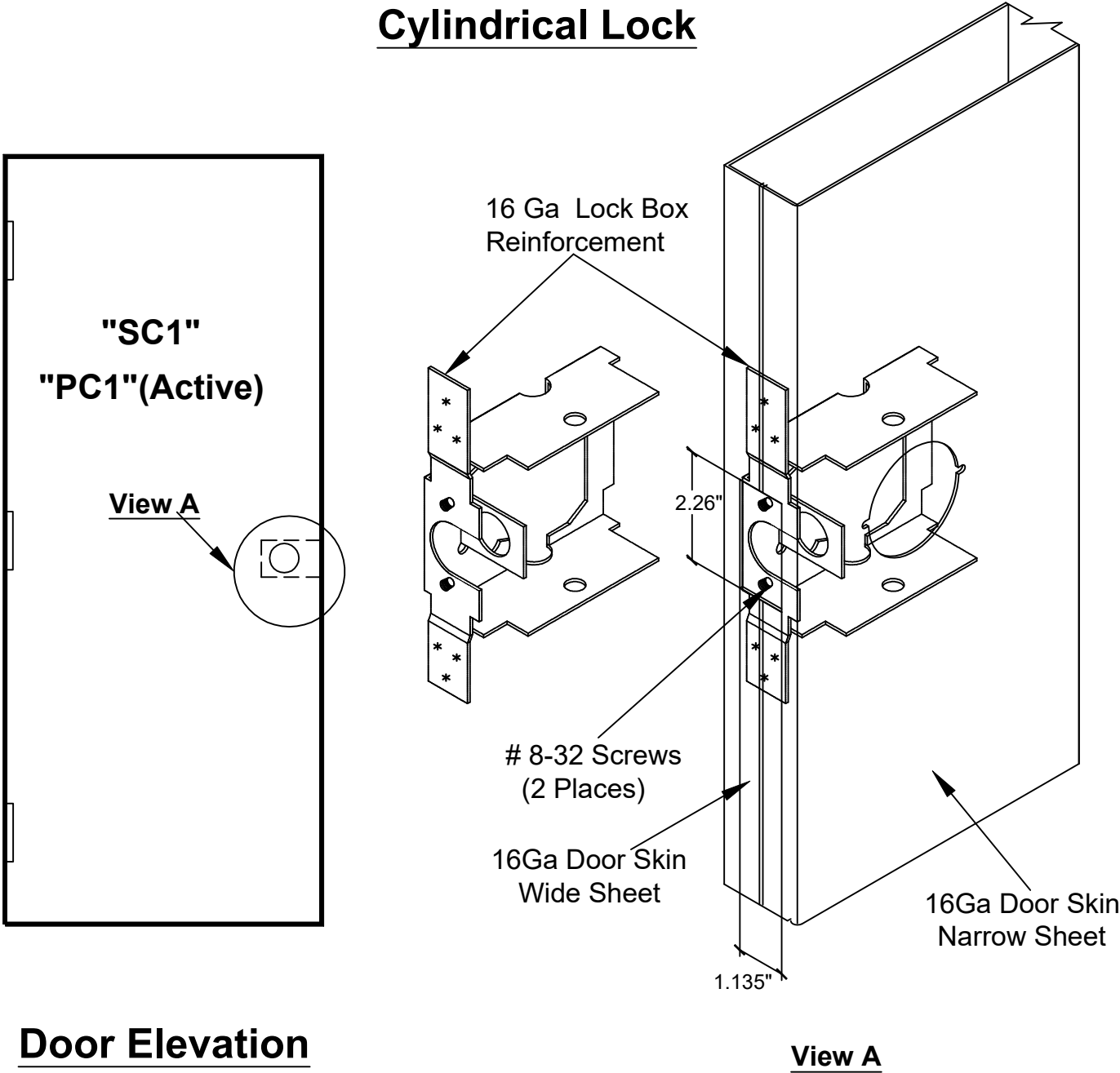
Drawn:
OK

Date:
07-02-10

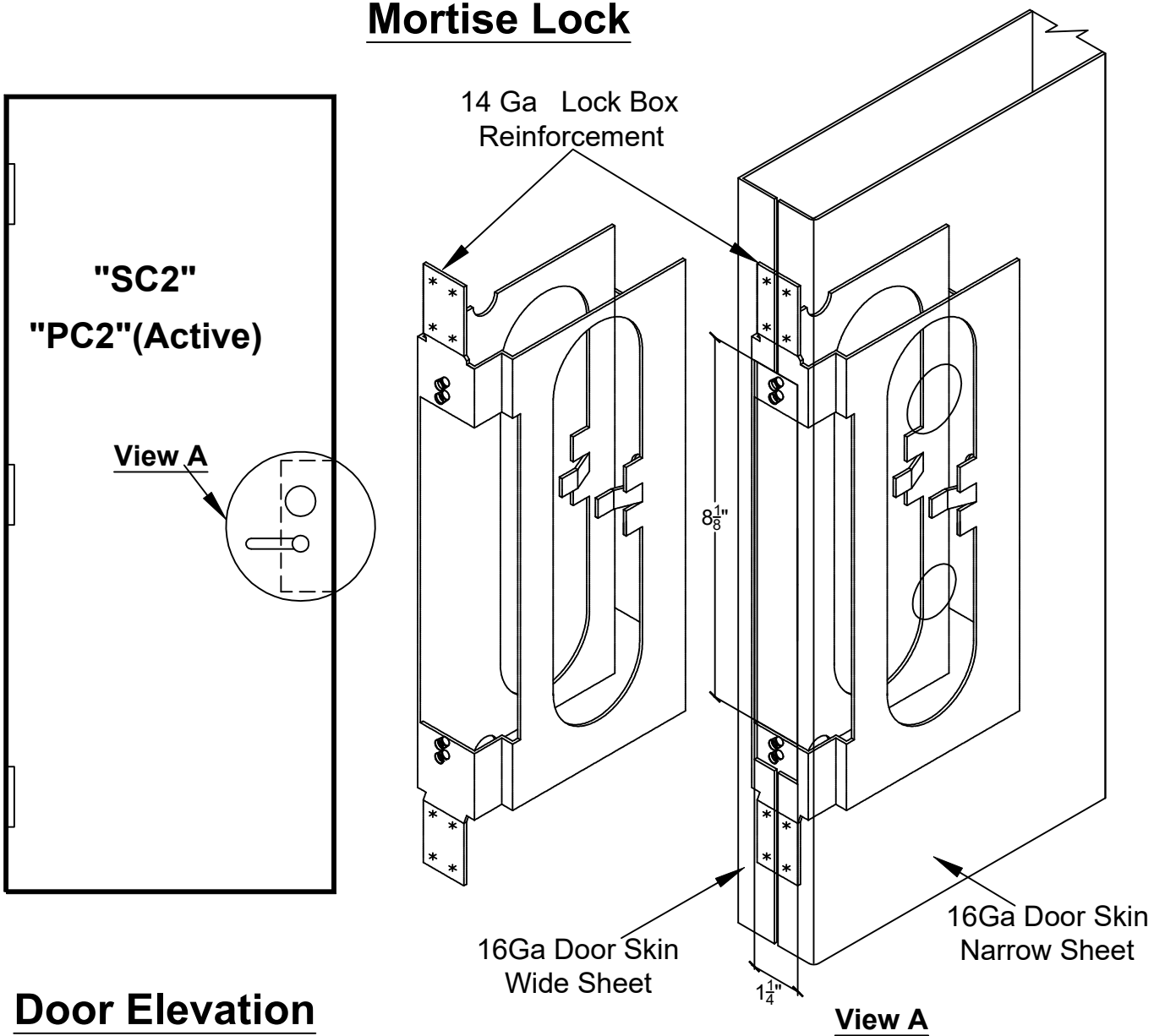
Checked:
KA

Sheet #
25 of 40

Typical Lock Box Reinforcement Detail
For Doors
"SC1"and"PC1"(Active)
Cylindrical Lock



Typical Lock Box Reinforcement Detail
For Doors
"SC2"and"PC2"(Active)
Mortise Lock



L.I.F. Industries, Inc.
Long Island Fireproof Door

Project Name

Windstorm Test

Revision #0
Dated 07-02-10

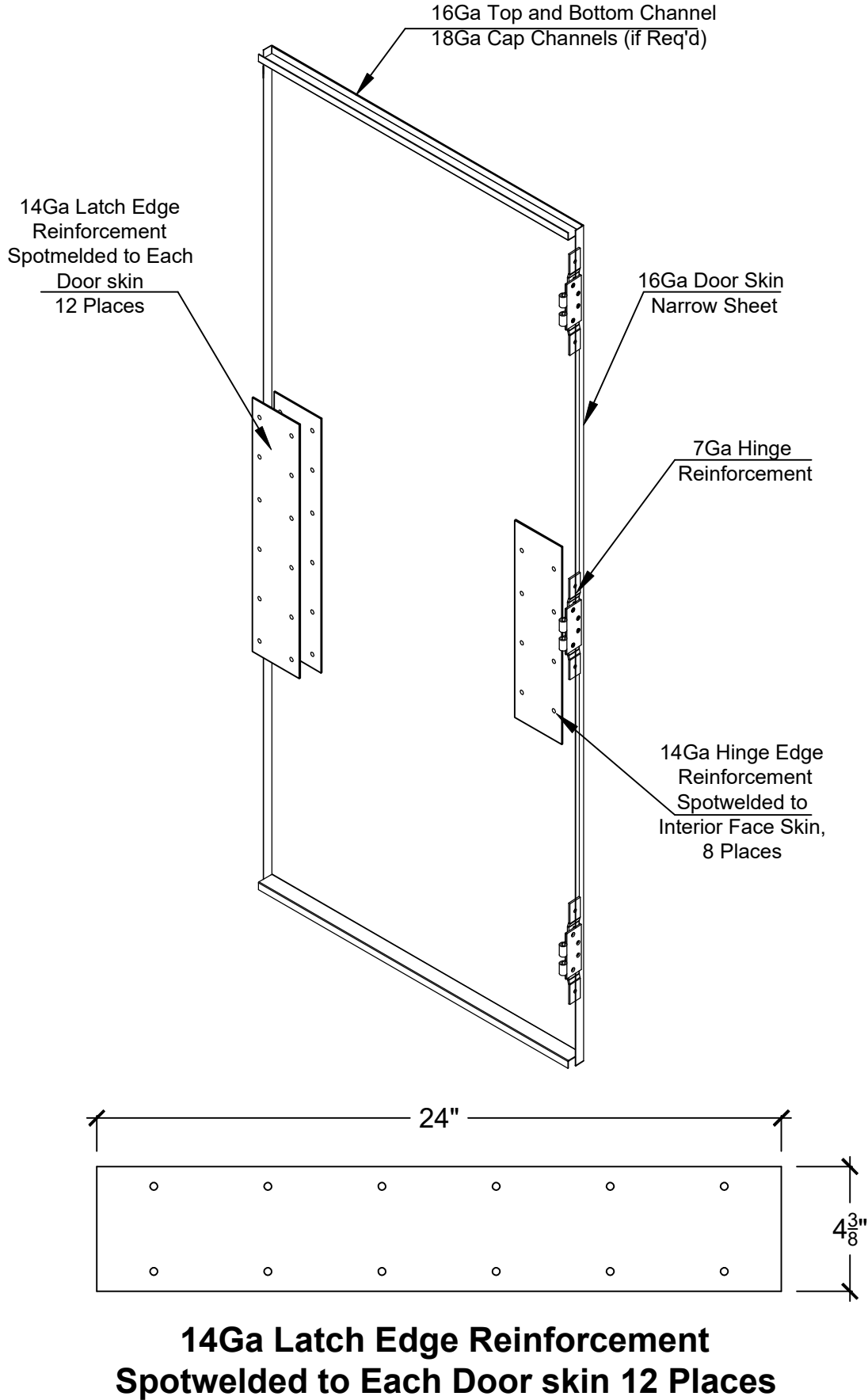
Drawn:
OK

Date:
07-02-10

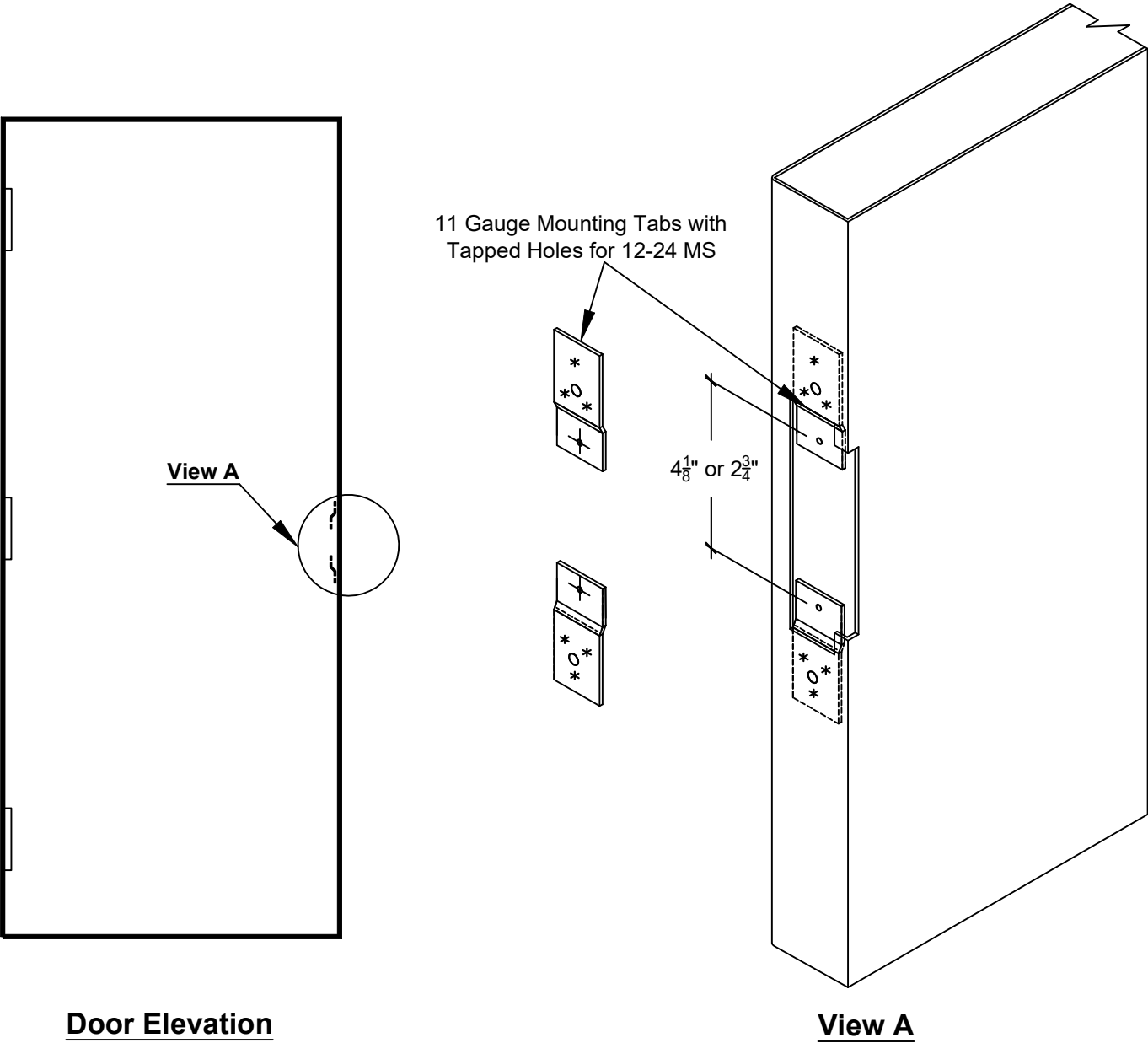
Checked:
KA

Sheet #
26 of 31

Typical Exit Device Reinforcement Detail
For Doors "SC3"and"PC4"



Typical Inactive Door Strike Reinforcement Detail
For Doors "PC1","PC2"and"~~PC3~~"(Inactive)



4⁷/₈" Strike Prep for Inactive Door
or 2³/₄" Strike Prep for Inactive Door

L.I.F. Industries, Inc.
Long Island Fireproof Door

Project Name

Windstorm Test

Revision #0
Dated 07-02-10

Drawn:

OK

Date:

07-02-10

Checked:

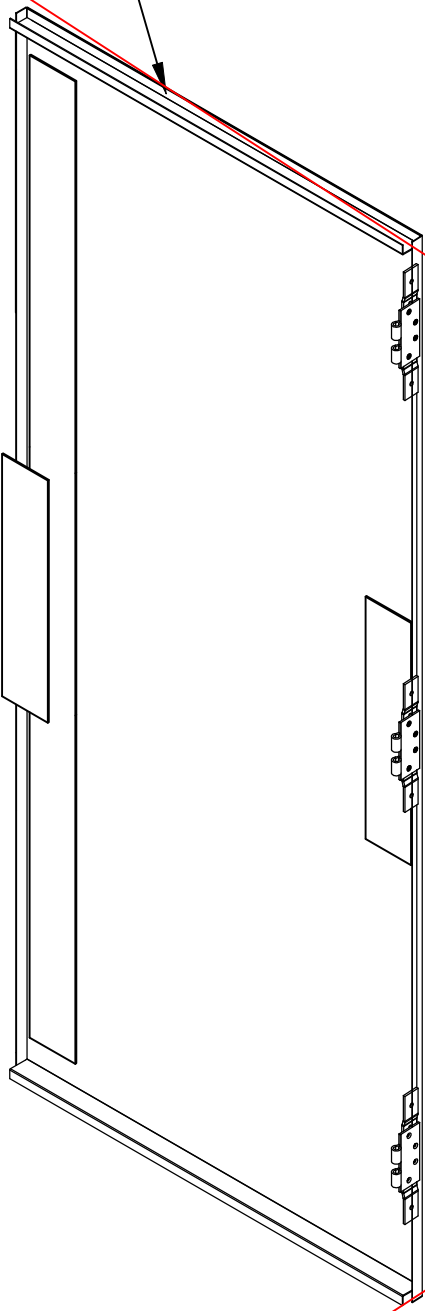
KA

Sheet #

27 of 31

Typical Exit Device Reinforcement Detail
For Door "PC3"(Inactive)

16Ga Top and Bottom Channel
18Ga Cap Channels (if Req'd)



14Ga Reinforcement
for Surface Vertical Rod
Exit Device
Full Height

4³/₈"

14Ga Hinge Edge
Reinforcement for
Surface Vertical Rod
Exit Device

24"

4³/₈"

Narrow Skin
Door
Interior Side

24"

4³/₈"

Wide Skin
Door
Exterior Side

14Ga Latch Edge
Exit Device
Reinforcement

CL of Exit Device

L.I.F. Industries, Inc.
Long Island Fireproof Door

Project Name

Windstorm Test

Revision #0
Dated 07-02-10

Drawn:
OK

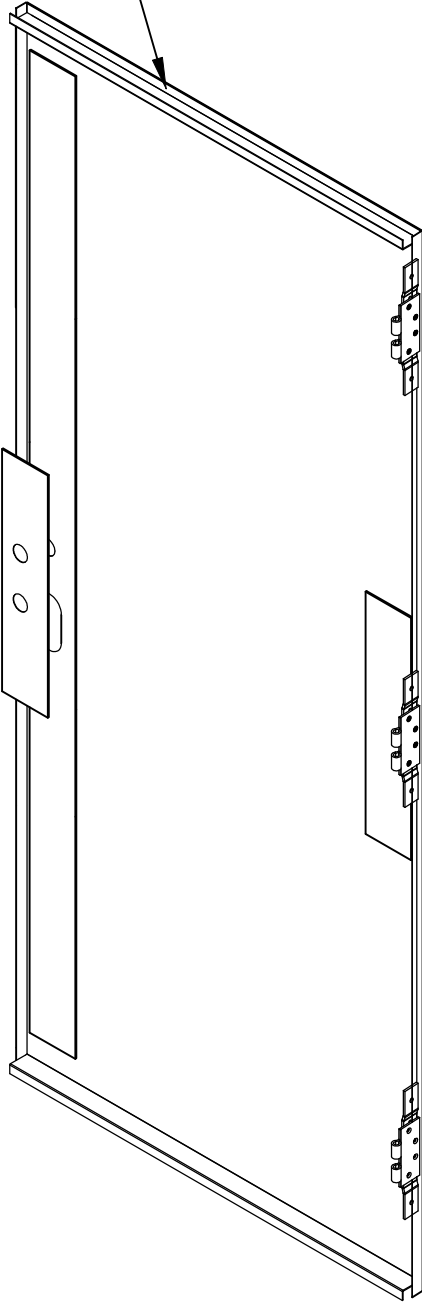
Date:
07-02-10

Checked:
KA

Sheet #
28 of 31

16Ga Top and Bottom Channel
18Ga Cap Channels (if Req'd)

Inactive Door Surface Vertical Rod Exit Device Reinforcement
Detail For Door "PC5"(Inactive)



14Ga Reinforcement
for Surface Vertical Rod
Exit Device with Cut out
Full Height

14Ga Hinge Edge
Reinforcement for
Surface Vertical Rod
Exit Device

14Ga Latch Edge
Exit Device
Reinforcement
with Cutout

CL of Exit Device

Narrow Skin
Door
Interior Side

Wide Skin
Door
Exterior Side

L.I.F. Industries, Inc.
Long Island Fireproof Door

Project Name

Windstorm Test

Revision #0
Dated 07-02-10

Drawn:
OK

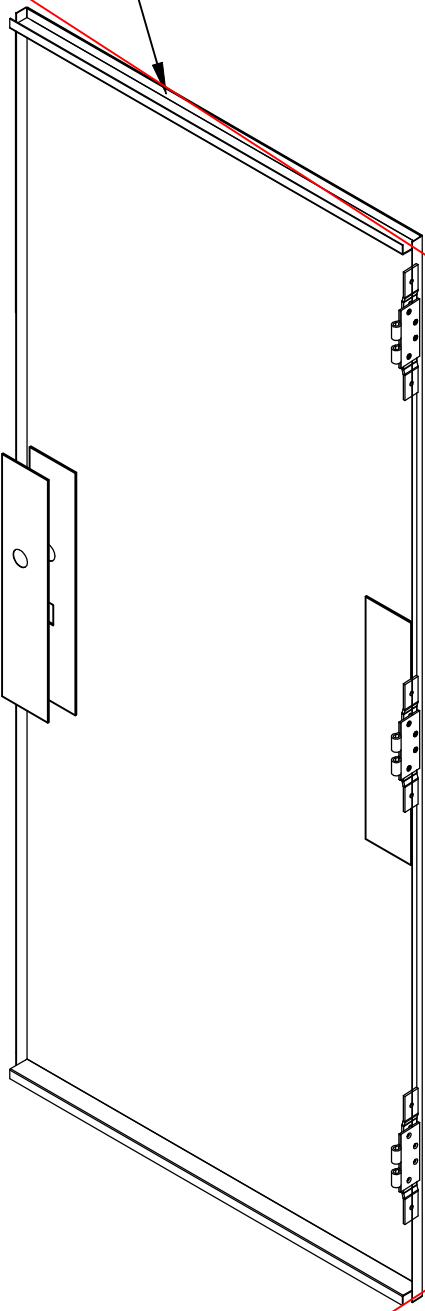
Date:
07-02-10

Checked:
KA

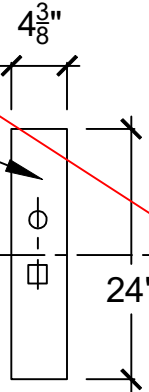
Sheet #
29 of 31

**Active Door Mortised Exit Device
Reinforcement Detail For Door "PC3"(Active)**

16Ga Top and Bottom Channel
18Ga Cap Channels (if Req'd)

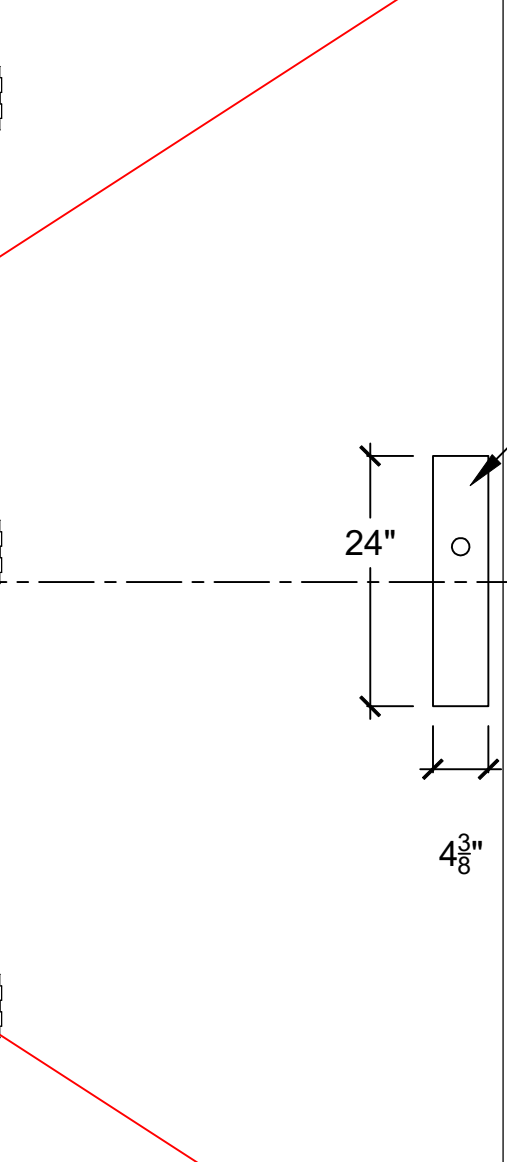
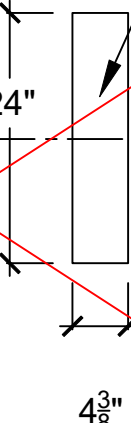


14Ga Reinforcement
For Mortised
Exit Device with Cut out



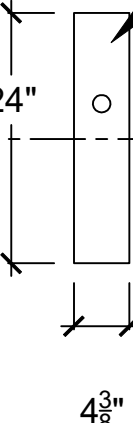
Narrow Skin
Door
Interior Side

14Ga Hinge Edge
Reinforcement
for Exit Device



Wide Skin
Door
Exterior Side

14Ga Latch Edge
Exit Device
Reinforcement
with Cutout



CL of Exit Device

**L.I.F. Industries, Inc.
Long Island Fireproof Door**

Project Name

Windstorm Test

Revision #0
Dated 07-02-10

Drawn:

OK

Date:

07-02-10

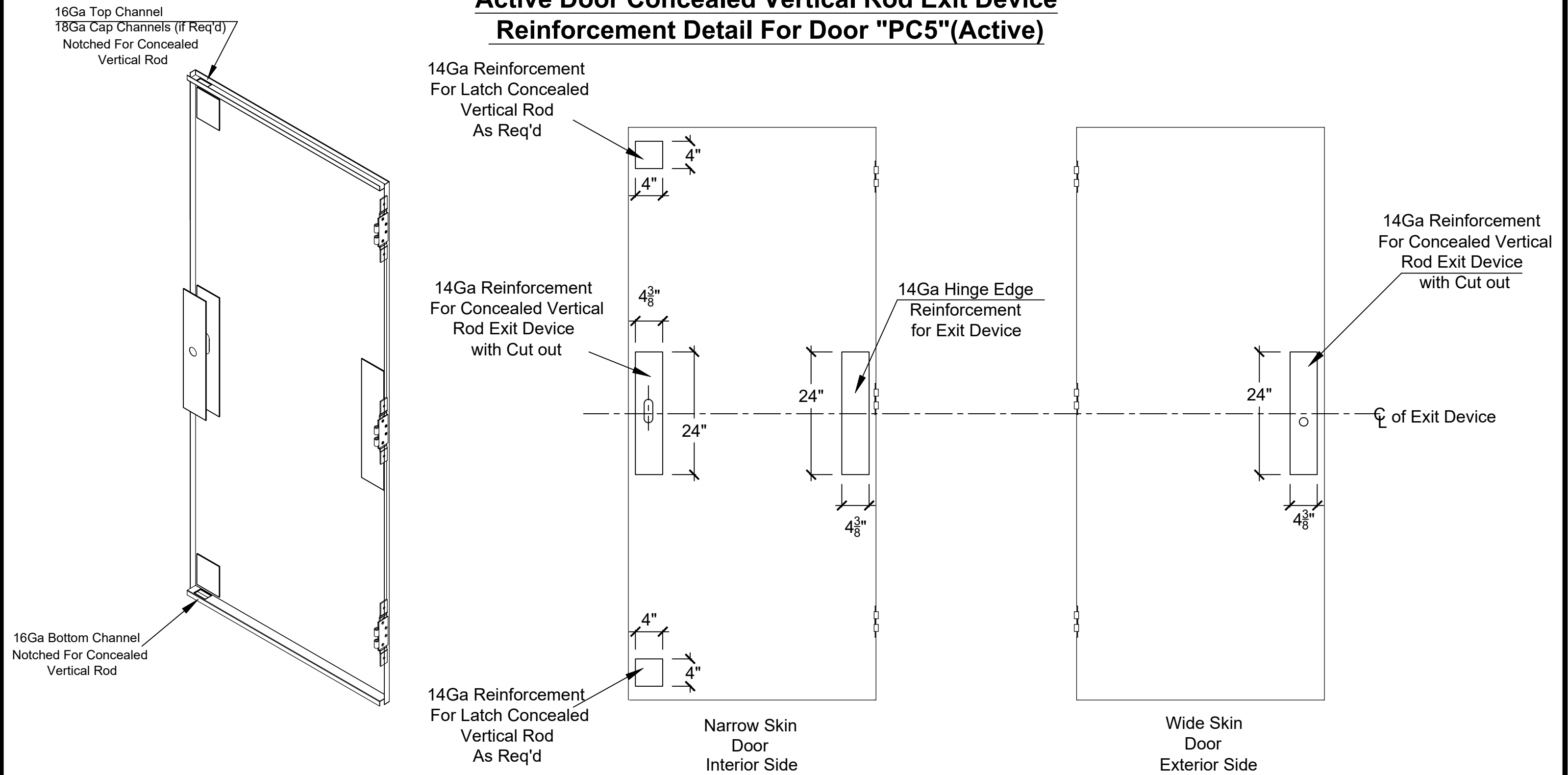
Checked:

KA

Sheet #

30 of 31

Active Door Concealed Vertical Rod Exit Device
Reinforcement Detail For Door "PC5"(Active)



L.I.F. Industries, Inc.
Long Island Fireproof Door

Project Name

Windstorm Test

Revision #0
Dated 07-02-10

Drawn:
OK

Date:
07-02-10

Checked:
KA

Sheet #
31 of 31