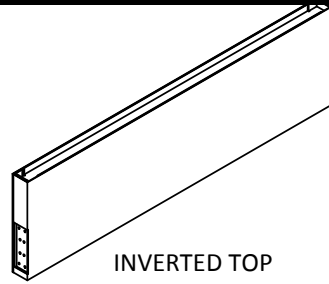
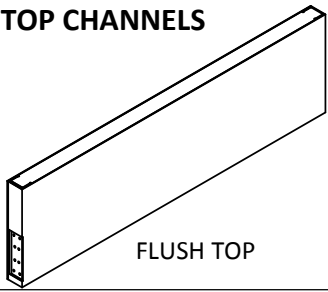


Table of Contents

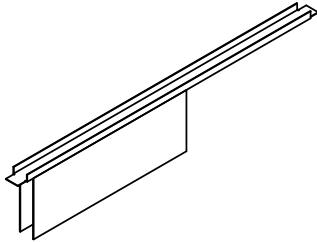
Submittals

NP Doors	SUB-1
NU Doors.....	SUB-2
NF Doors.....	SUB-3
NH Doors.....	SUB-4
ST Doors	SUB-5
NDD Doors	SUB-6
Bullet Assembly.....	SUB-7
Door Preps	SUB-8
F Series	SUB-9
FDJ Series	SUB-10
FF Series	SUB-11
RF Series.....	SUB-12
Anchors	SUB-13

① TOP CHANNELS



② CLOSER REINFORCEMENT



③ VERTICAL EDGE

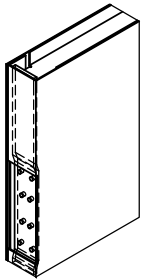
STANDARD



NVS

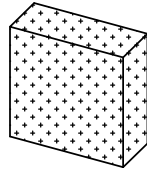


④ HINGE PREP



⑤ CORE

POLYSTRENE



⑥ LOCK EDGE

BEVELED EDGE

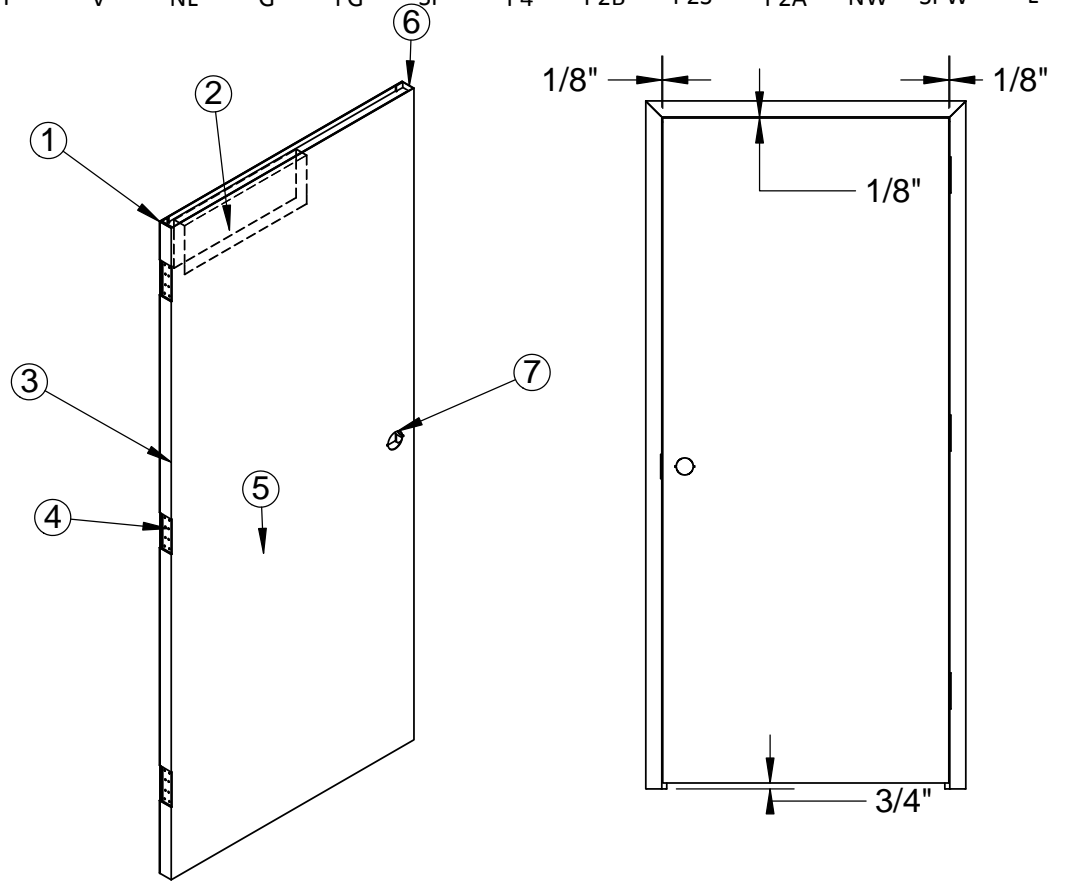
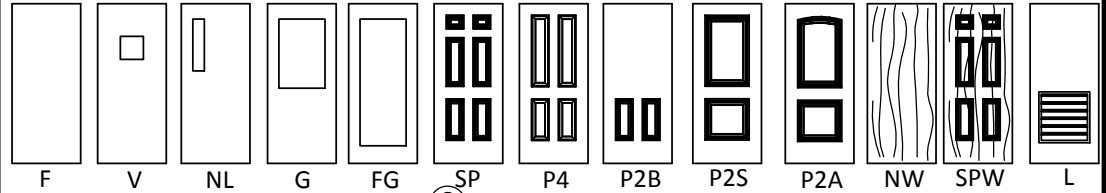


SQUARE EDGE



⑦ LOCK PREP

FOR LOCK PREPS
SEE DOOR PREP PAGE



NP SERIES DOOR

DOOR MEETS OR EXCEEDS ANSI 250.4 PERFORMANCE TEST:

20 GAUGE STEEL (500,000 CYCLES)

18 & 16 GAUGE STEEL (1,000,000 CYCLES)

DOORS MEET LEED REQUIREMENTS AND BUY AMERICAN STANDARDS.

LABELING AGENCIES:
UNDERWRITES LABORATORY INC.
WARNOCK HERSEY INTL.
FACTORY MUTUAL SYSTEM

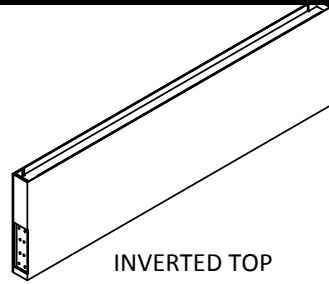
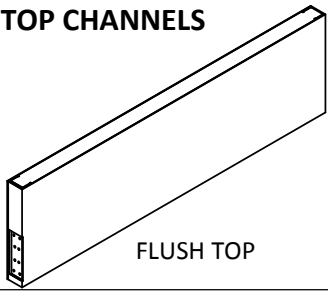
AVAILABLE IN:
14, 16, 18, 20
GAUGE
CR, A60



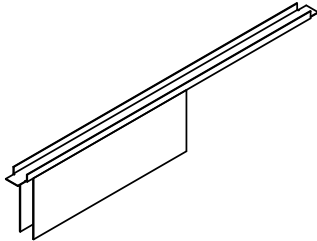
SUB-1

DRAWN BY _____ DATE _____		ISSUE DATE	REVISIONS	BY
CHECKED _____ DATE _____				
SHT OF	JOB NO.			

① TOP CHANNELS



② CLOSER REINFORCEMENT



③ VERTICAL EDGE

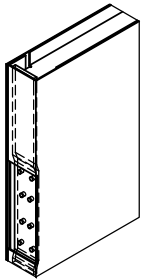
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NVS

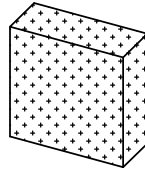


④ HINGE PREP



⑤ CORE

POLYURTHANE



⑥ LOCK EDGE

BEVELED EDGE

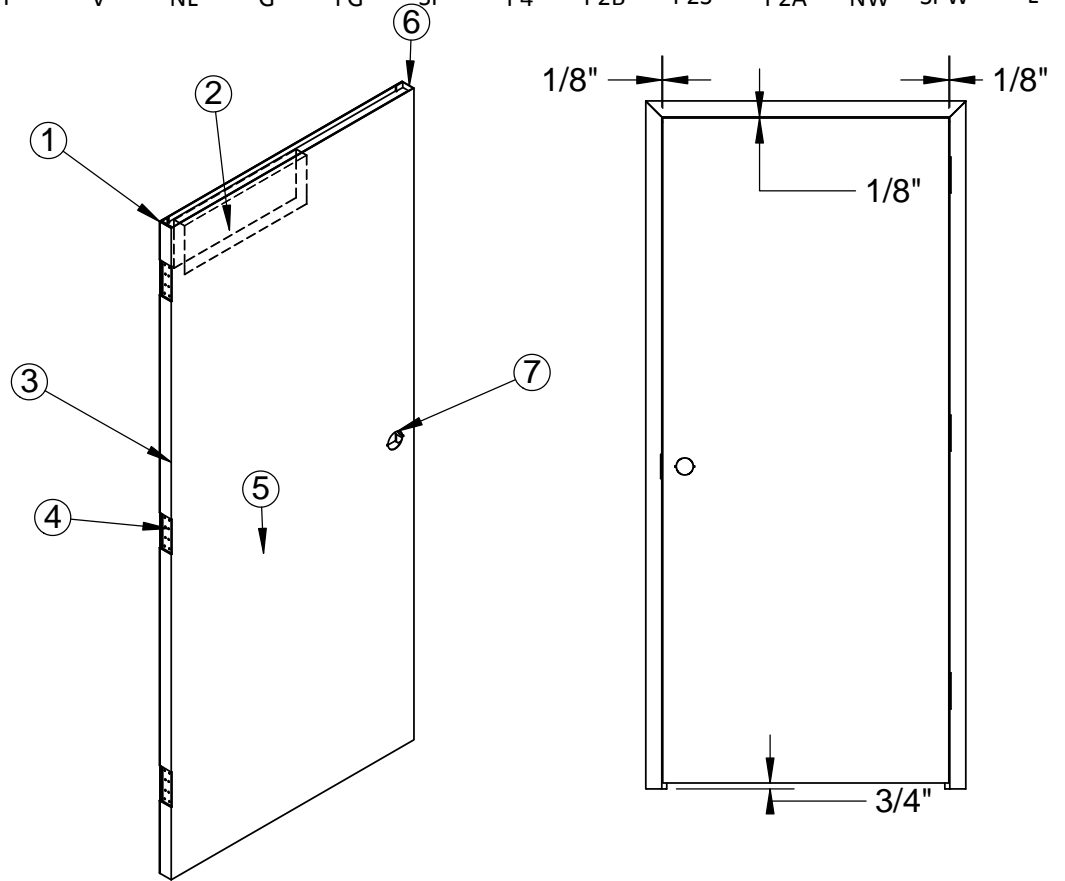
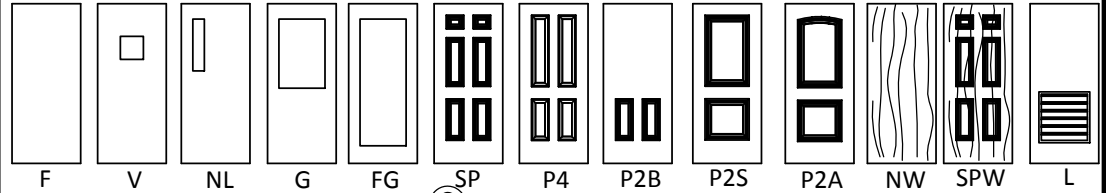


SQUARE EDGE



⑦ LOCK PREP

FOR LOCK PREPS
SEE DOOR PREP PAGE



NU SERIES DOOR

DOOR MEETS OR EXCEEDS ANSI 250.4 PERFORMANCE TEST:

20 GAUGE STEEL (500,000 CYCLES)

18 & 16 GAUGE STEEL (1,000,000 CYCLES)

DOORS MEET LEED REQUIREMENTS AND BUY AMERICAN STANDARDS.

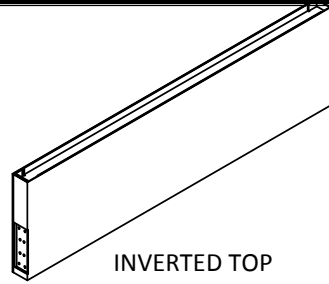
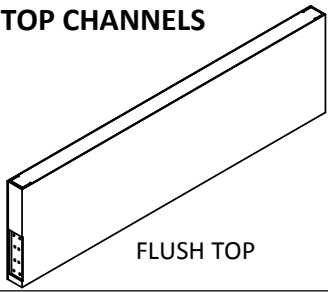
AVAILABLE IN:
14, 16, 18, 20
GAUGE
CR, A60



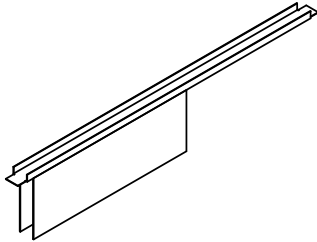
SUB-2

DRAWN BY _____ DATE _____		ISSUE DATE	REVISIONS	BY
CHECKED _____ DATE _____				
SHT OF	JOB NO.			

① TOP CHANNELS



② CLOSER REINFORCEMENT

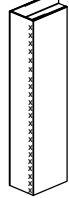


③ VERTICAL EDGE

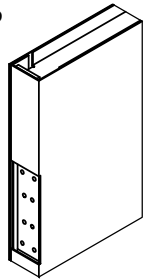
STANDARD



NVS

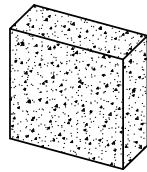


④ HINGE PREP



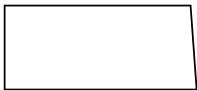
⑤ CORE

FIBER BOARD



⑥ LOCK EDGE

BEVELED EDGE

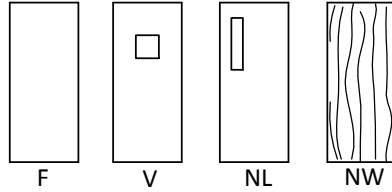


SQUARE EDGE

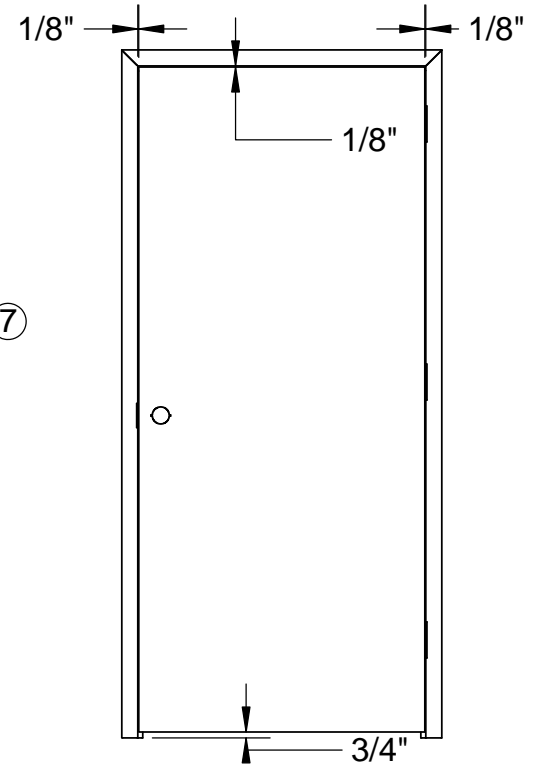
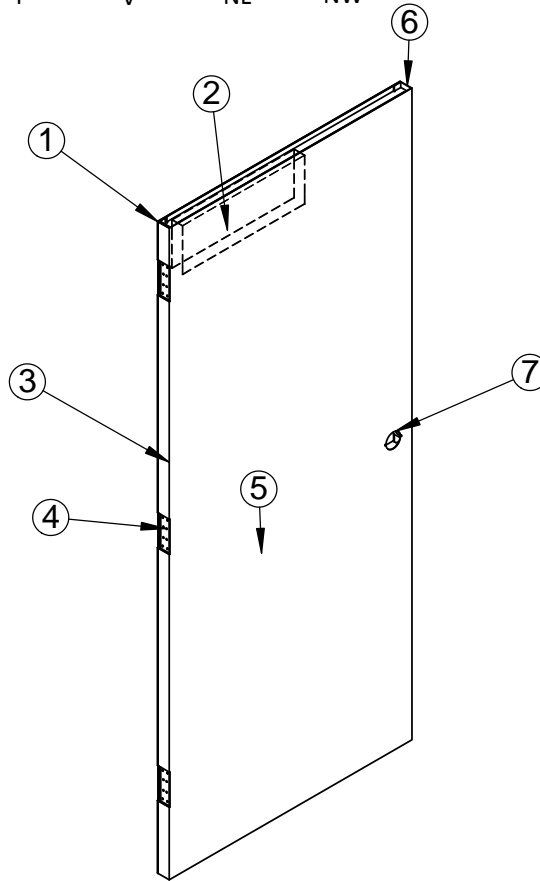


⑦ LOCK PREP

FOR LOCK PREPS
SEE DOOR PREP PAGE



IF A TEMPERATURE RISE DOOR IS DESIRED, THEN ONLY 100 SQUARE INCHES OF GLASS ALLOWED.



**NF SERIES DOOR
TEMPERATURE RISE (250)**

DOOR MEETS OR EXCEEDS ANSI 250.4 PERFORMANCE TEST:

20 GAUGE STEEL (500,000 CYCLES)

18 & 16 GAUGE STEEL (1,000,000 CYCLES)

DOORS MEET LEED REQUIREMENTS AND BUY AMERICAN STANDARDS.

LABELING AGENCIES:
UNDERWRITES LABORATORY INC.
WARNOCK HERSEY INTL.
FACTORY MUTUAL SYSTEM

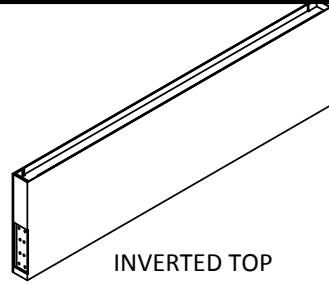
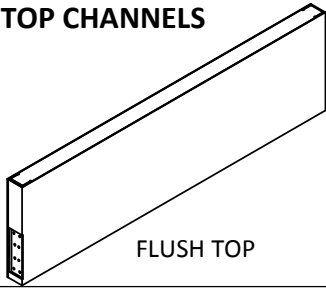
AVAILABLE IN:
14, 16, 18, 20
GAUGE
CR, A60



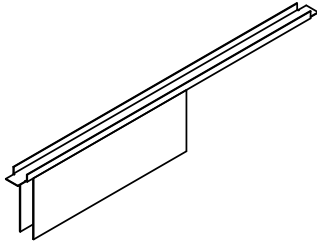
SUB-3

DRAWN BY _____ DATE _____		ISSUE DATE	REVISIONS	BY
CHECKED _____ DATE _____				
SHT OF	JOB NO.			

① TOP CHANNELS



② CLOSER REINFORCEMENT



③ VERTICAL EDGE

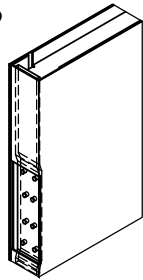
STANDARD



NVS

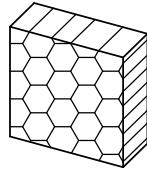


④ HINGE PREP



⑤ CORE

POLYSTRENE



⑥ LOCK EDGE

BEVELED EDGE

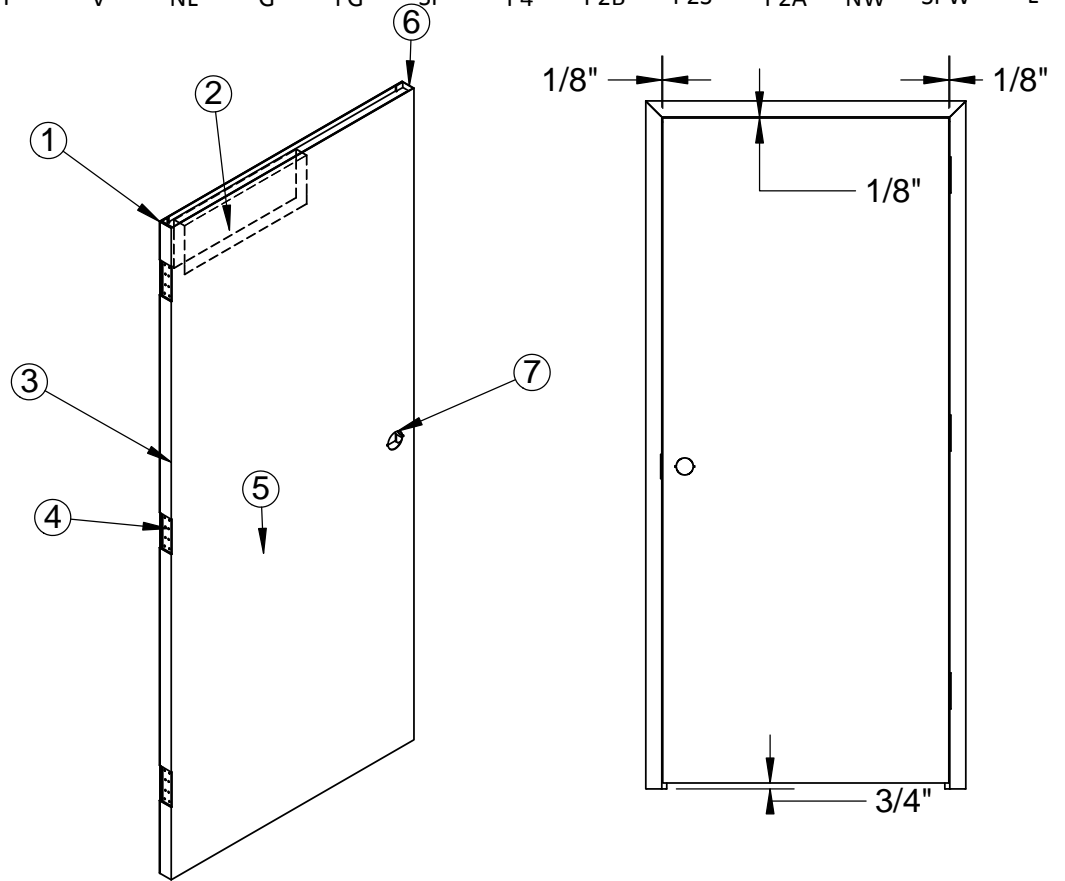
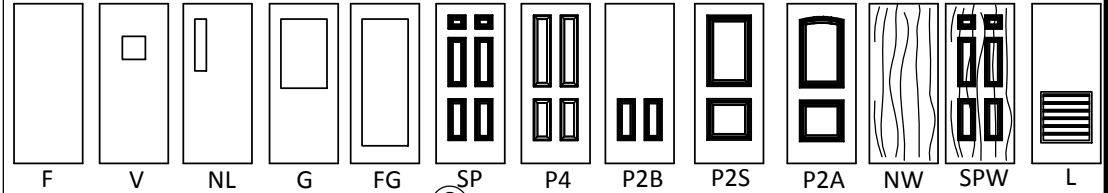


SQUARE EDGE



⑦ LOCK PREP

FOR LOCK PREPS
SEE DOOR PREP PAGE



NH SERIES DOOR

DOOR MEETS OR EXCEEDS ANSI 250.4 PERFORMANCE TEST:

20 GAUGE STEEL (500,000 CYCLES)

18 & 16 GAUGE STEEL (1,000,000 CYCLES)

DOORS MEET LEED REQUIREMENTS AND BUY AMERICAN STANDARDS.

LABELING AGENCIES:
UNDERWRITES LABRATORY INC.
WARNOCK HERSEY INTL.
FACTORY MUTUAL SYSTEM

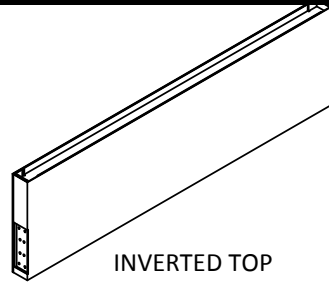
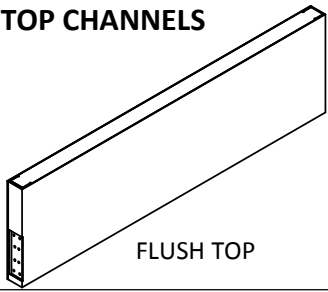
AVAILABLE IN:
14, 16, 18, 20
GAUGE
CR, A60



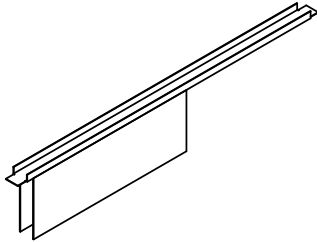
SUB-4

DRAWN BY _____ DATE _____		ISSUE DATE	REVISIONS	BY
CHECKED _____ DATE _____				
SHT OF	JOB NO.			

① TOP CHANNELS



② CLOSER REINFORCEMENT



③ VERTICAL EDGE

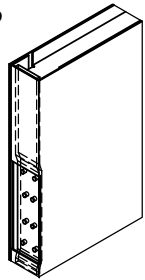
STANDARD



NVS

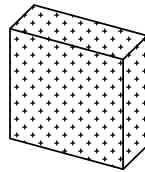


④ HINGE PREP



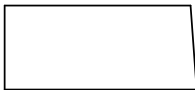
⑤ CORE

POLYSTRENE



⑥ LOCK EDGE

BEVELED EDGE

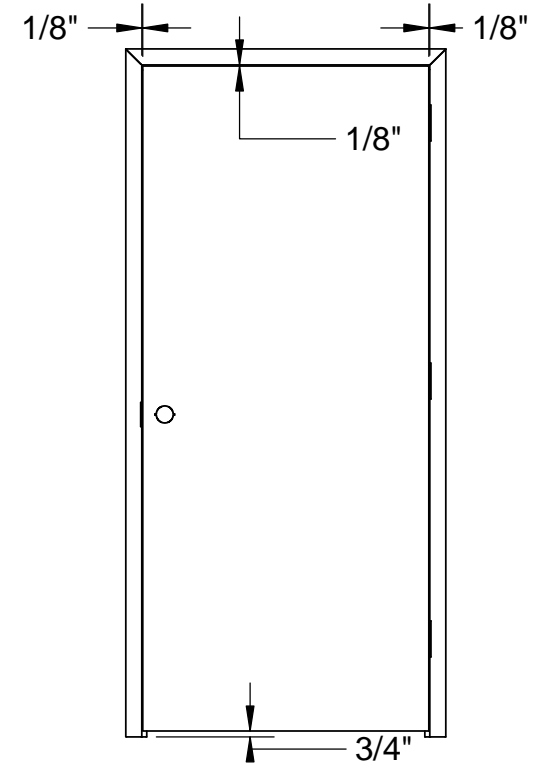
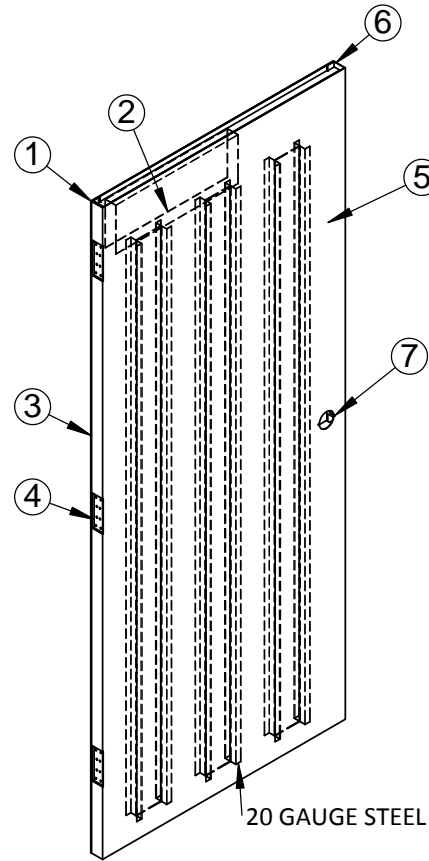
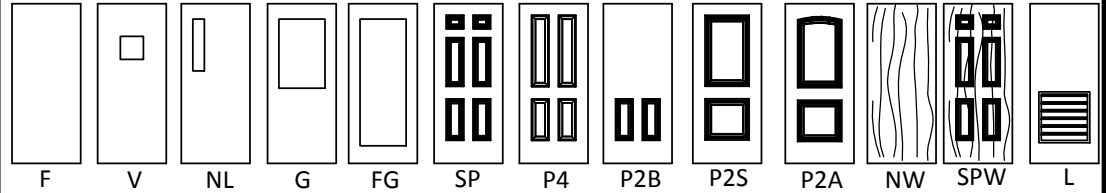


SQUARE EDGE



⑦ LOCK PREP

FOR LOCK PREPS
SEE DOOR PREP PAGE



20 GAUGE STEEL STIFFENER WELED EVERY 6"

ST SERIES DOOR

DOOR MEETS OR EXCEEDS ANSI 250.4 PERFORMANCE TEST:

20 GAUGE STEEL (500,000 CYCLES)

18 & 16 GAUGE STEEL (1,000,000 CYCLES)

DOORS MEET LEED REQUIREMENTS AND BUY AMERICAN STANDARDS.

LABELING AGENCIES:
UNDERWRITES LABRATORY INC.
WARNOCK HERSEY INTL.
FACTORY MUTUAL SYSTEM

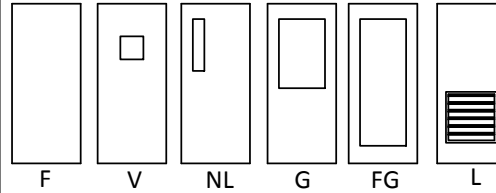
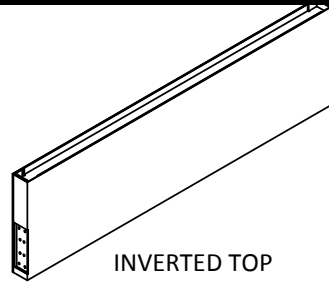
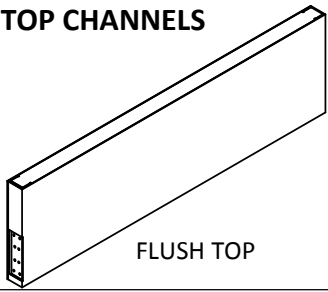
AVAILABLE IN:
14, 16, 18, 20
GAUGE
CR, A60



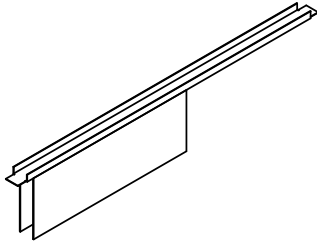
SUB-5

DRAWN BY _____ DATE _____		ISSUE DATE	REVISIONS	BY
CHECKED _____ DATE _____				
SHT OF	JOB NO.			

① TOP CHANNELS



② CLOSER REINFORCEMENT



③ VERTICAL EDGE

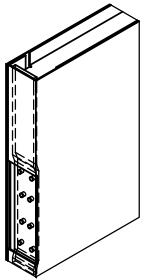
STANDARD



NVS

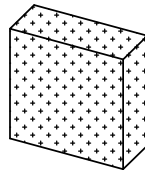


④ HINGE PREP



⑤ CORE

POLYSTRENE



⑥ LOCK EDGE

BEVELED EDGE



SQUARE EDGE



⑦ LOCK PREP

FOR LOCK PREPS
SEE DOOR PREP PAGE

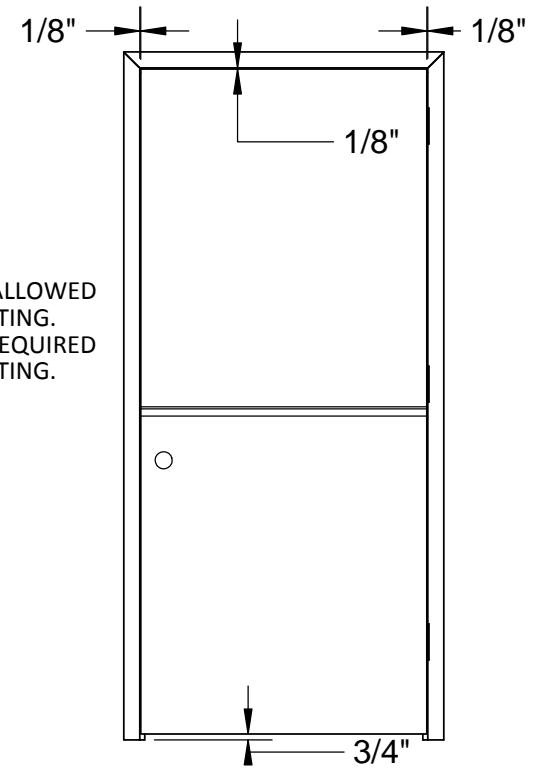
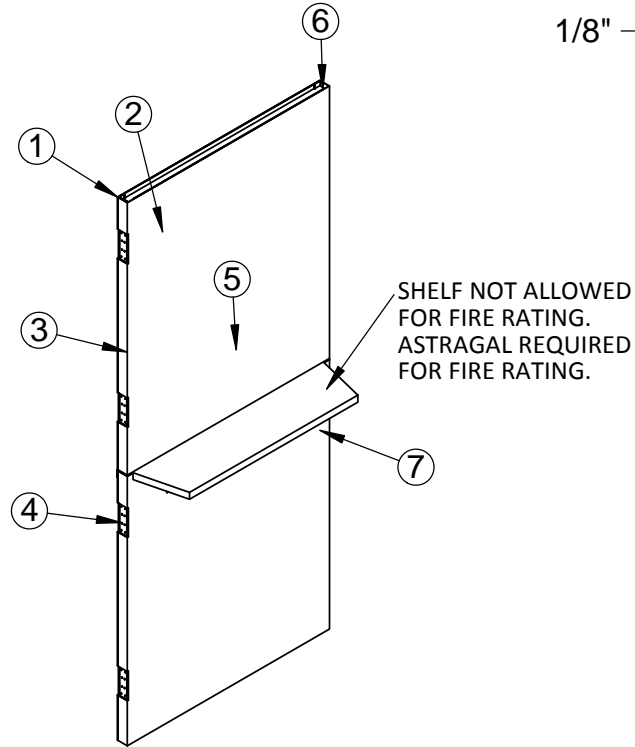
DOOR MEETS OR EXCEEDS ANSI 250.4
PERFORMANCE TEST:

20 GAUGE STEEL (500,000 CYCLES)

18 & 16 GAUGE STEEL (1,000,000
CYCLES)

DOORS MEET LEED REQUIREMENTS
AND BUY AMERICAN STANDARDS.

LABELING AGENCIES:
UNDERWRITES LABORATORY INC.
WARNOCK HERSEY INTL.
FACTORY MUTUAL SYSTEM



NDD SERIES DOOR
DUTCH DOOR

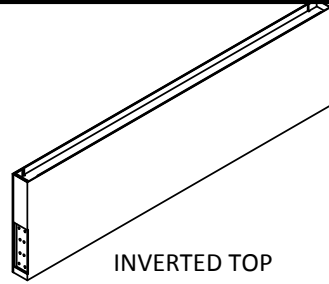
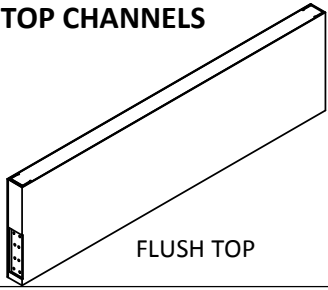
AVAILABLE IN:
14, 16, 18, 20
GAUGE
CR, A60



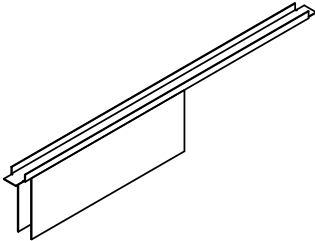
SUB-6

DRAWN BY _____ DATE _____		ISSUE DATE	REVISIONS	BY
CHECKED _____ DATE _____				
SHT OF	JOB NO.			

① TOP CHANNELS



② CLOSER REINFORCEMENT



③ VERTICAL EDGE

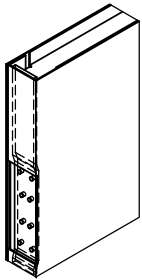
STANDARD



NVS

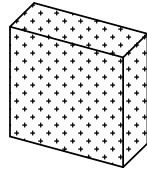


④ HINGE PREP



⑤ CORE

POLYSTRENE



⑥ LOCK EDGE

BEVELED EDGE

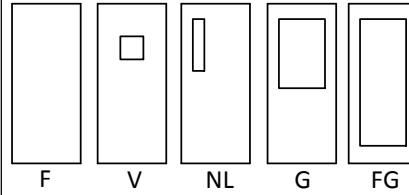


SQUARE EDGE

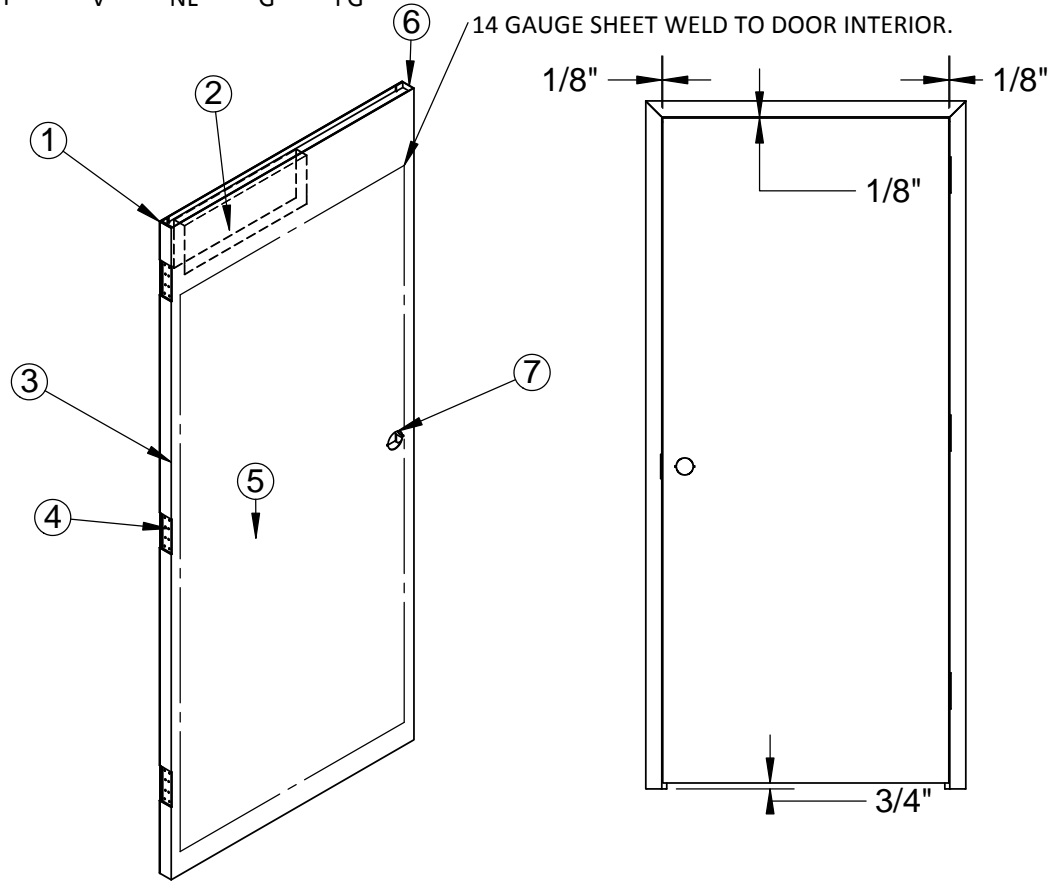


⑦ LOCK PREP

FOR LOCK PREPS
SEE DOOR PREP PAGE



MUST HAVE BULLET RATED GLASS.



BULLET ASSEMBLY

DOOR MEETS OR EXCEEDS ANSI 250.4 PERFORMANCE TEST:

20 GAUGE STEEL (500,000 CYCLES)

18 & 16 GAUGE STEEL (1,000,000 CYCLES)

DOORS MEET LEED REQUIREMENTS AND BUY AMERICAN STANDARDS.

LABELING AGENCIES:
UNDERWRITES LABRATORY INC.
WARNOCK HERSEY INTL.
FACTORY MUTUAL SYSTEM

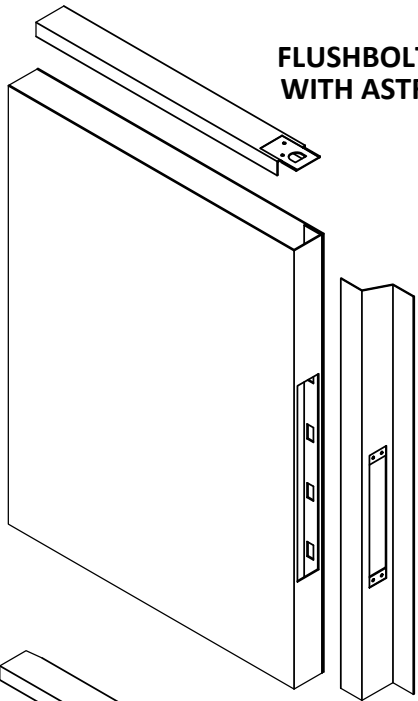
AVAILABLE IN:
14, 16, 18, 20
GAUGE
CR, A60



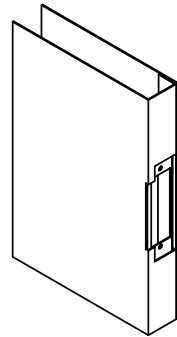
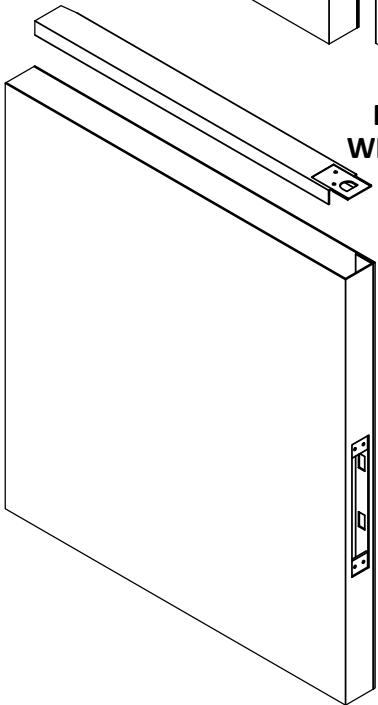
SUB-7

DRAWN BY _____ DATE _____		ISSUE DATE	REVISIONS	BY
CHECKED _____ DATE _____				
SHT OF	JOB NO.			

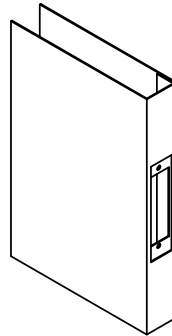
**FLUSHBOLT PREP
WITH ASTRAGAL**



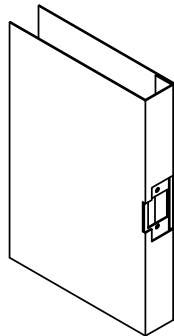
**FLUSHBOLT PREP
WITHOUT ASTRAGAL**



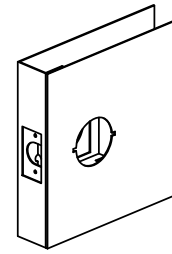
U STRIKE PREP



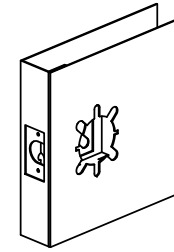
**NON HANDED
STRIKE**



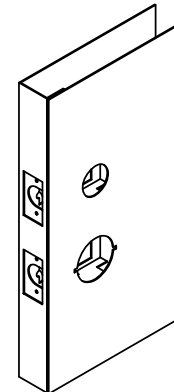
C STRIKE PREP



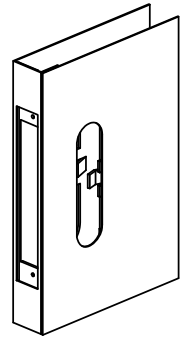
C4



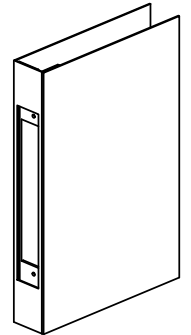
C4 TURTLE



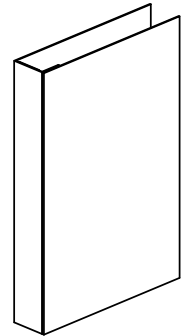
INTERCONNECTED



M



MB



MBN

FOR ADDITIONAL DOOR PREPS, SEE THE
DOOR SECTION OF THE TECHNICAL DATA
MANUAL.

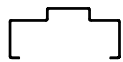


SUB-8

DRAWN BY _____ DATE _____		ISSUE DATE	REVISIONS	BY
CHECKED _____ DATE _____				
SHT OF	JOB NO.			

PROFILES

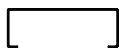
DOUBLE RABBET



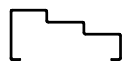
SINGLE RABBET



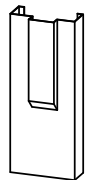
CASED OPEN



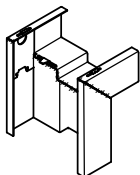
DOUBLE EGRESS



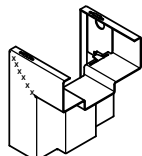
HOSPITAL STOP



WELD OPTIONS

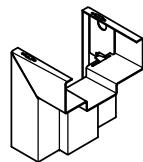
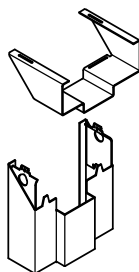


FULL WELD



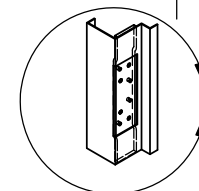
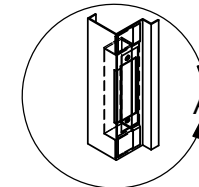
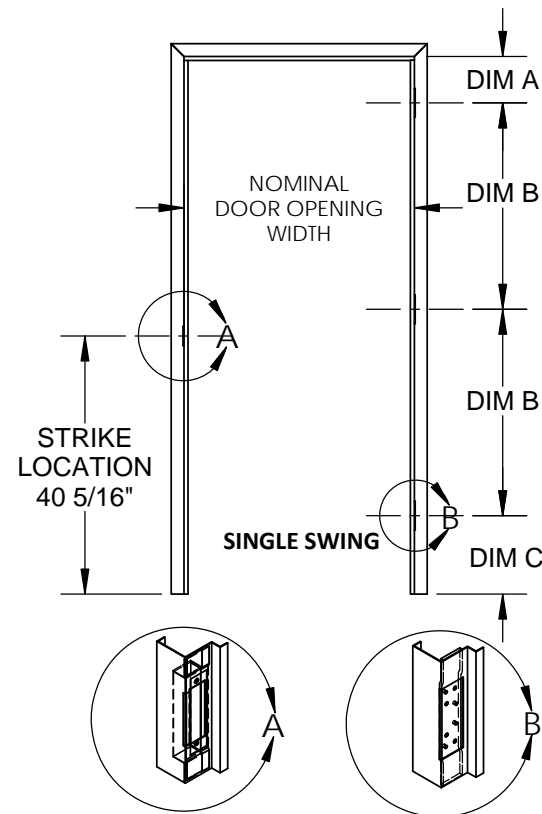
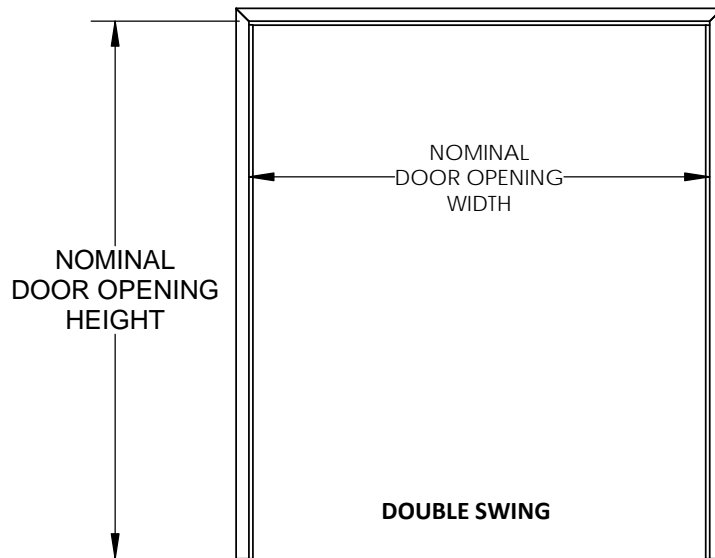
FACE WELD

CORNER SECTION



HINGE SPACING

OPENING HEIGHT	6'8"			7'0"			7'2"			7'10"			8'0"		
DIMENSION	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
1 3/4" DOOR SPACING	7 1/4"	2@ 30 1/4"	12 1/4"	7 1/4"	2@ 32 1/4"	12 1/4"	7 1/4"	2@ 33 1/4"	12 1/4"	7 1/4"	3@ 25 1/4"	10 1/4"	7 1/4"	3@ 25 1/2"	12 1/4"
1 3/8" DOOR SPACING				6 3/4"	2@ 32 3/4"	11 3/4"	6 3/4"	2@ 33 3/4"	11 3/4"						



F SERIES FRAMES

F SERIES FRAMES ARE AVAILABLE AS SHOWN FOR THREE SIDED FRAMES OR AS STICK SECTIONS FOR TRANSOMS, SIDELIGHTS AND BORROWED LITE FRAMES.

FOR LABELING DETAILS, ANCHORING OPTIONS, AND DOOR HANDING & SWING, PLEASE SEE THE APPLICABLE SECTION OF THE TECHNICAL DATA MANUAL.

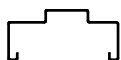


SUB-9

DRAWN BY _____ DATE _____		ISSUE DATE	REVISIONS	BY
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PROFILES

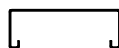
DOUBLE RABBET



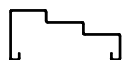
SINGLE RABBET



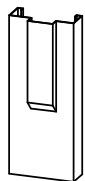
CASED OPEN



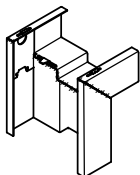
DOUBLE EGRESS



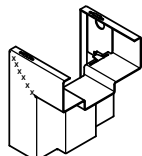
HOSPITAL STOP



WELD OPTIONS

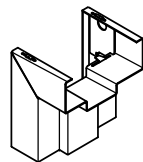
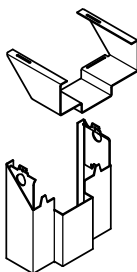


FULL WELD

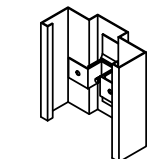


FACE WELD

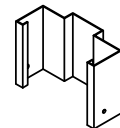
CORNER SECTION



FDJ ANCHORING



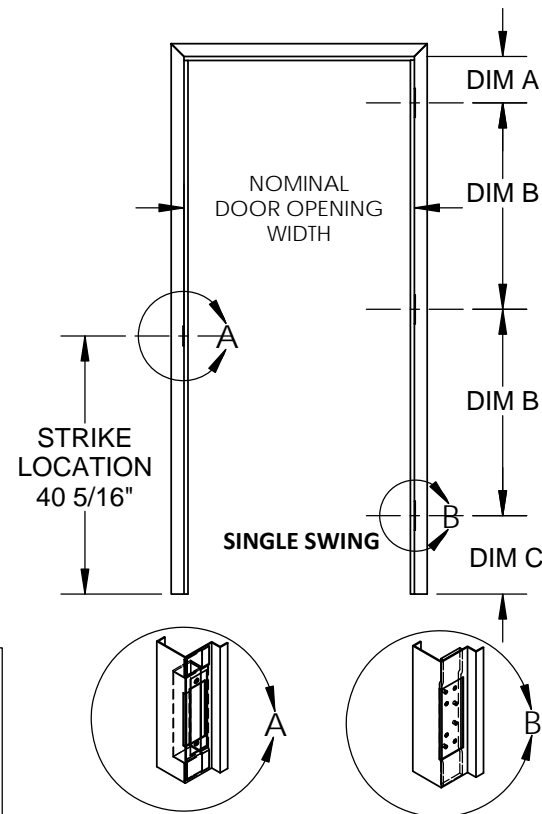
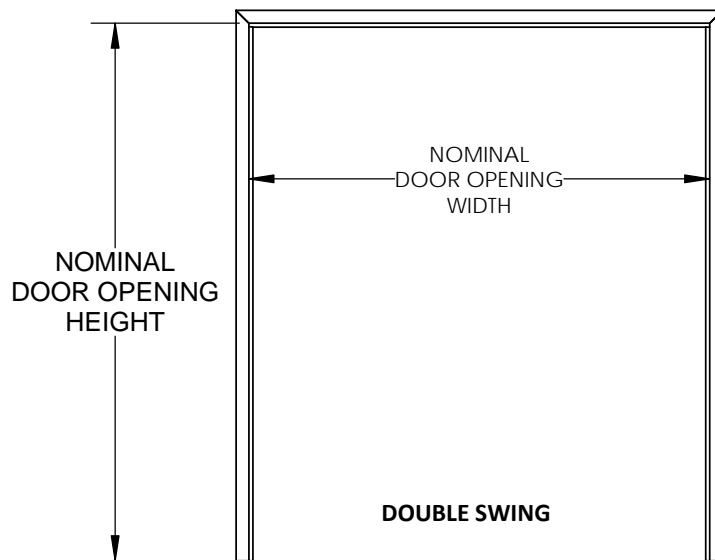
COMPRESSION ANCHOR



BASE ANCHOR DIMPLES

HINGE SPACING

OPENING HEIGHT	6'8"			7'0"			7'2"			7'10"			8'0"		
DIMENSION	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
1 3/4" DOOR SPACING	7 1/4"	2@ 30 1/4"	12 1/4"	7 1/4"	2@ 32 1/4"	12 1/4"	7 1/4"	2@ 33 1/4"	12 1/4"	7 1/4"	3@ 25 1/4"	10 1/4"	7 1/4"	3@ 25 1/2"	12 1/4"
1 3/8" DOOR SPACING				6 3/4"	2@ 32 3/4"	11 3/4"	6 3/4"	2@ 33 3/4"	11 3/4"						



FDJ SERIES FRAMES

FDJ SERIES FRAMES ARE AVAILABLE AS SHOWN FOR THREE SIDED FRAMES OR AS STICK SECTIONS FOR TRANSOMS, SIDELIGHTS AND BORROWED LITE FRAMES.

FOR LABELING DETAILS, ANCHORING OPTIONS, AND DOOR HANDING & SWING, PLEASE SEE THE APPLICABLE SECTION OF THE TECHNICAL DATA MANUAL.

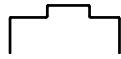


SUB-10

DRAWN BY _____ DATE _____		ISSUE DATE	REVISIONS	BY
CHECKED _____ DATE _____				
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PROFILES

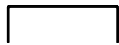
DOUBLE RABBET



SINGLE RABBET

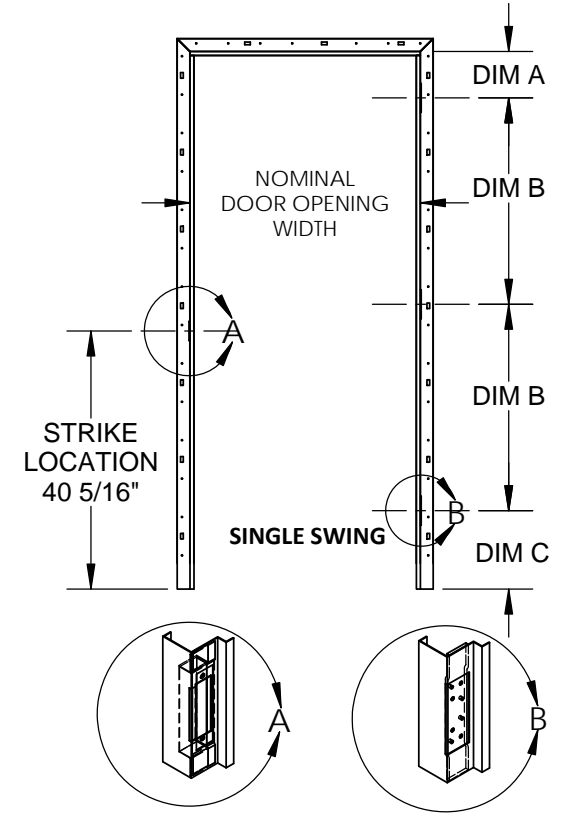
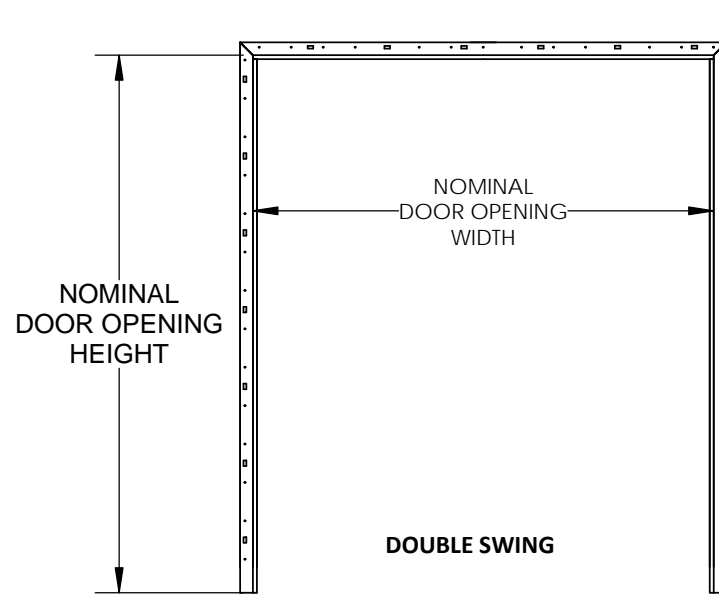


CASED OPEN



HINGE SPACING

OPENING HEIGHT	6'8"			7'0"			7'2"			7'10"			8'0"		
DIMENSION	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
1 3/4" DOOR SPACING	7 1/4"	2@ 30 1/4"	12 1/4"	7 1/4"	2@ 32 1/4"	12 1/4"	7 1/4"	2@ 33 1/4"	12 1/4"	7 1/4"	3@ 25 1/4"	10 1/4"	7 1/4"	3@ 25 1/2"	12 1/4"
1 3/8" DOOR SPACING				6 3/4"	2@ 32 3/4"	11 3/4"	6 3/4"	2@ 33 3/4"	11 3/4"						



FF SERIES FRAMES

FF SERIES FRAMES ARE AVAILABLE AS SHOWN FOR THREE SIDED FRAMES OR AS STICK SECTIONS FOR TRANSOMS, SIDELIGHTS AND BORROWED LITE FRAMES.

FOR LABELING DETAILS, ANCHORING OPTIONS, AND DOOR HANDING & SWING, PLEASE SEE THE APPLICABLE SECTION OF THE TECHNICAL DATA MANUAL.

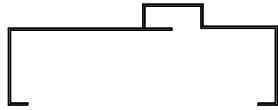


SUB-11

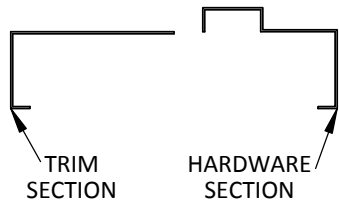
DRAWN BY _____ DATE _____		ISSUE DATE	REVISIONS	BY
CHECKED _____ DATE _____				
SHT OF	JOB NO.			

PROFILES

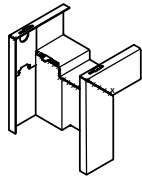
DOUBLE RABBET TOGETHER



DOUBLE RABBET APART



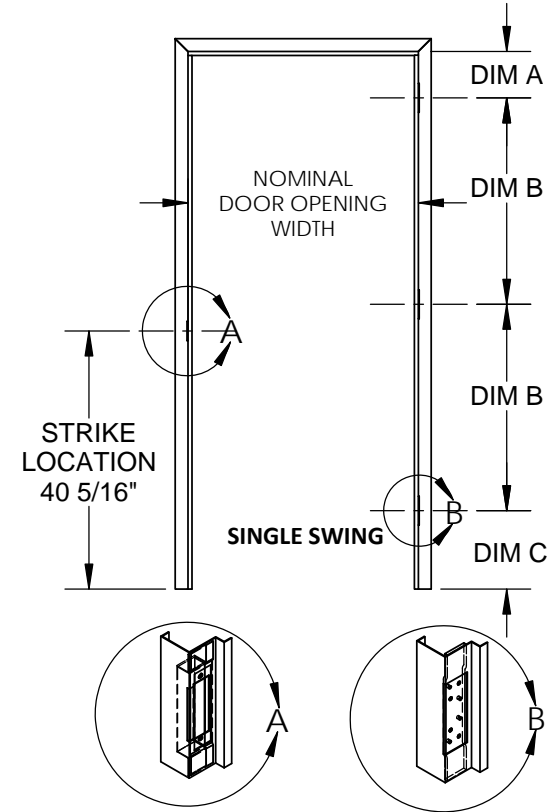
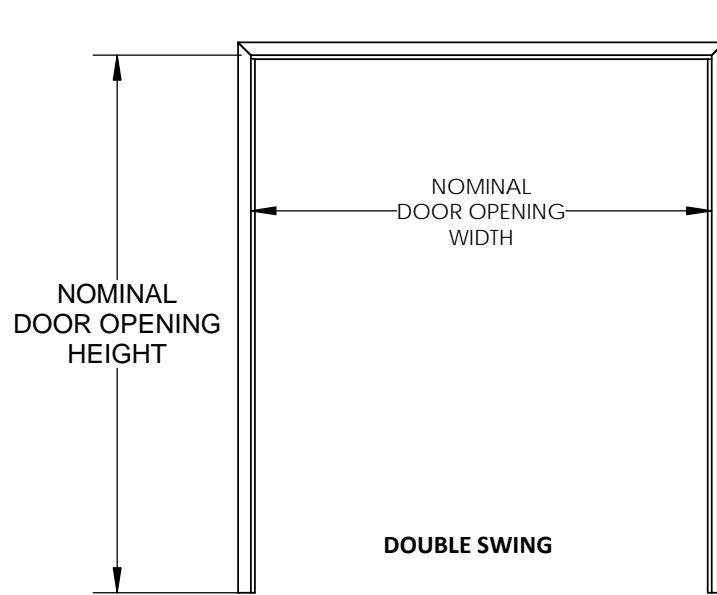
WELDING INFORMATION



MUST BE FULL WELDED BEFORE INSTALLATION

HINGE SPACING

OPENING HEIGHT	6'8"			7'0"			7'2"			7'10"			8'0"		
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
1 3/4" DOOR SPACING	7 1/4"	2@ 30 1/4"	12 1/4"	7 1/4"	2@ 32 1/4"	12 1/4"	7 1/4"	2@ 33 1/4"	12 1/4"	7 1/4"	3@ 25 1/4"	10 1/4"	7 1/4"	3@ 25 1/2"	12 1/4"
1 3/8" DOOR SPACING				6 3/4"	2@ 32 3/4"	11 3/4"	6 3/4"	2@ 33 3/4"	11 3/4"						



RF SERIES FRAMES

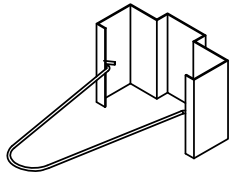
RF SERIES FRAMES ARE AVAILABLE AS SHOWN FOR THREE SIDED FRAMES OR AS STICK SECTIONS FOR TRANSOMS, SIDELIGHTS AND BORROWED LITE FRAMES.

FOR LABELING DETAILS, ANCHORING OPTIONS, AND DOOR HANDING & SWING, PLEASE SEE THE APPLICABLE SECTION OF THE TECHNICAL DATA MANUAL.

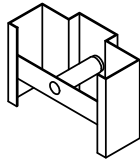


SUB-12

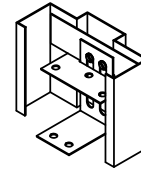
DRAWN BY _____ DATE _____		ISSUE DATE	REVISIONS	BY
CHECKED _____ DATE _____				
SHT OF	JOB NO.			



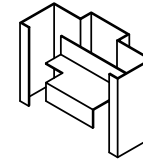
WIRE



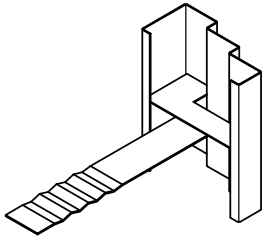
TUBE



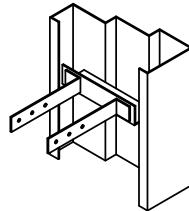
ADJUSTABLE FLOOR



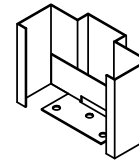
ZEE



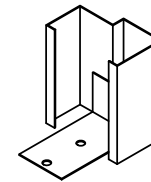
DOUBLE EGRESS T



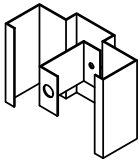
DOUBLE EGRESS MULTI PURPOSE



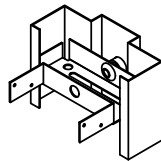
FLOOR



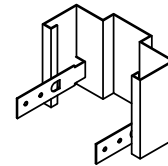
SINGLE FLOOR



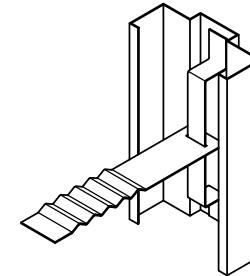
AEW



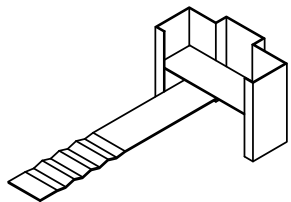
UNA



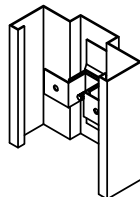
DRYWALL OPTION



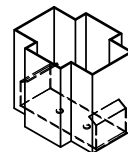
STRAP



T



DRYWALL



MULLION



SUB-13

DRAWN BY _____ DATE _____		ISSUE DATE	REVISIONS	BY
CHECKED _____ DATE _____				
SHT OF	JOB NO.			