

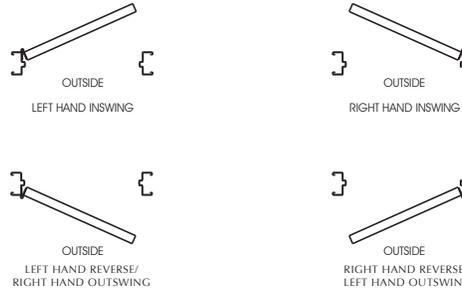
Therma-Tru® Light Commercial/Multi-Family - Doors and Frames

GENERAL NOTES

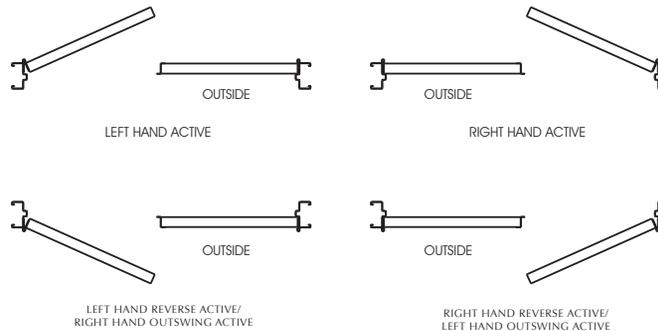
- Material shown on these drawings will be fabricated only after formal approval by the architect, receipt of approval hardware schedule, and all necessary hardware templates.
- All frames shall be shipped “knocked-down” unless otherwise specified.
- All frames and doors shall be chemically washed, rinsed, and dried prior to receiving one coat of paint.
- Doors and frames will be reinforced for surface mounted hardware as required. Drilling and tapping for surface mounted hardware shall be applied by others.
- It will be the responsibility of the General Contractor to coordinate hardware locations.
- All frames will be supplied with the required wall and floor anchors as illustrated on the frame detail sheet.
- All frames and doors will be tagged with shop marks. This schedule can be used to cross reference shop marks with architects marks.
- These drawings are not intended for use by other trades.
- Field welding, grinding, finishing, and attachment of field splices by others.

DOOR HANDING CHART

SINGLE DOORS



PAIRS OF DOORS



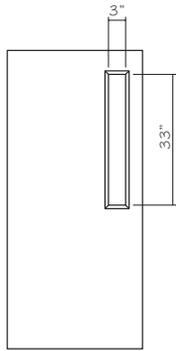
- All standard type hardware will be located at this manufacturer’s standard locations as shown on the door and frame elevations. Hardware items such as panic exit devices, deadbolts, etc. will also be located at manufacturer’s standard locations unless specifically advised.
- Installations of all glass and glazing to be performed by others.
- Doors, frames, and finished hardware to be installed by others.
- Anchor bolts and expansion shields for any type fastener to be furnished by others.
- All frames must be set absolutely plumb, square, and level.
- All frames will be supplied with rubber door silencers: three for single swing openings and two per header for double swing openings.

JOB NUMBER:	
PROJECT:	
LOCATION:	
ARCHITECT:	
CONTRACTOR:	
FINISHED HARDWARE BY:	
SHEET NUMBER:	OF

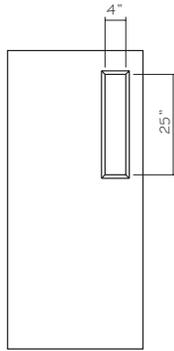
RECORD OF SUBMITTALS	
SUBMITTED	RETURNED
1st	
2nd	
3rd	
4th	
RECORDED APPROVED DRAWINGS	
RECORDED APPROVED HARDWARE	
DRAWN BY:	

Therma-Tru® Light Commercial/Multi-Family - 22-Gauge & 24-Gauge Steel Doors

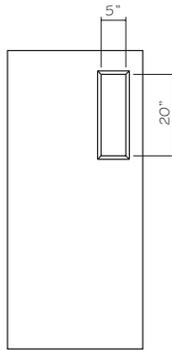
DOOR ELEVATIONS - FLUSH - LITED



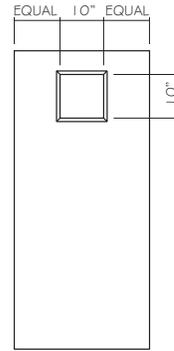
EXPOSED GLASS
SIZE: 3" x 33"



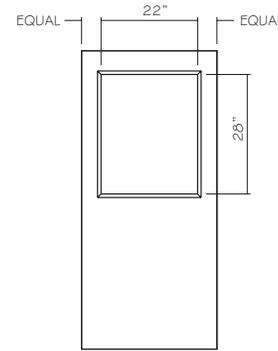
EXPOSED GLASS
SIZE: 4" x 25"



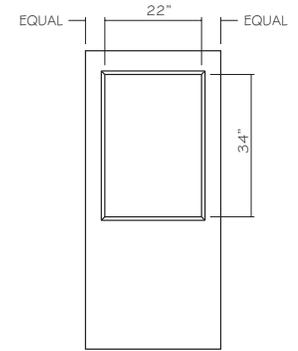
EXPOSED GLASS
SIZE: 5" x 20"



EXPOSED GLASS
SIZE: 10" x 10"

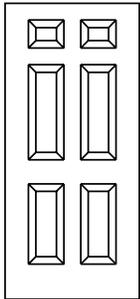


EXPOSED GLASS
SIZE: 22" x 28"

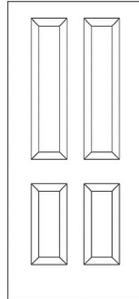


EXPOSED GLASS
SIZE: 22" x 34"

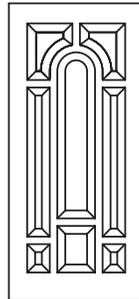
DOOR ELEVATIONS - EMBOSSED - OPAQUE



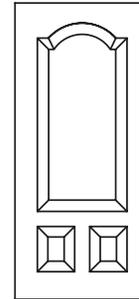
STYLE# SE210HD



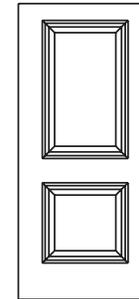
STYLE# 514



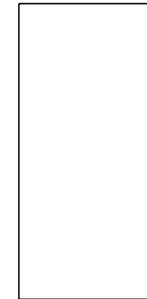
STYLE# SE960HD



STYLE# SE969HD



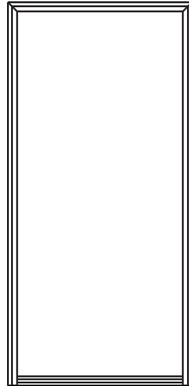
STYLE# SE978HD



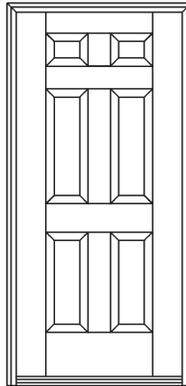
STYLE# 500

Therma-Tru® Light Commercial/Multi-Family - FG Doors

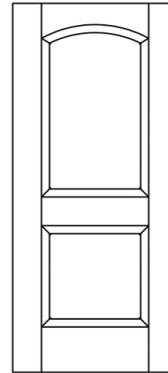
DOOR ELEVATIONS - SMOOTH



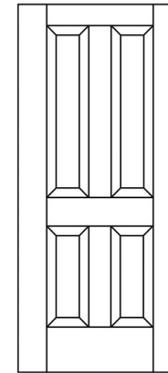
STYLE# SSF100



STYLE# SSF160

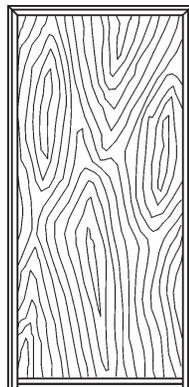


STYLE# SSF200

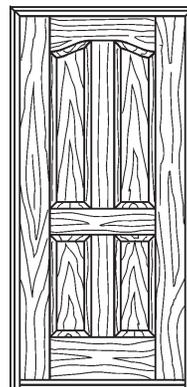


STYLE# SSF960

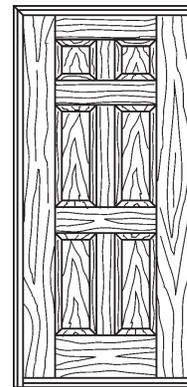
DOOR ELEVATIONS - GRAINED



STYLE# FCF100



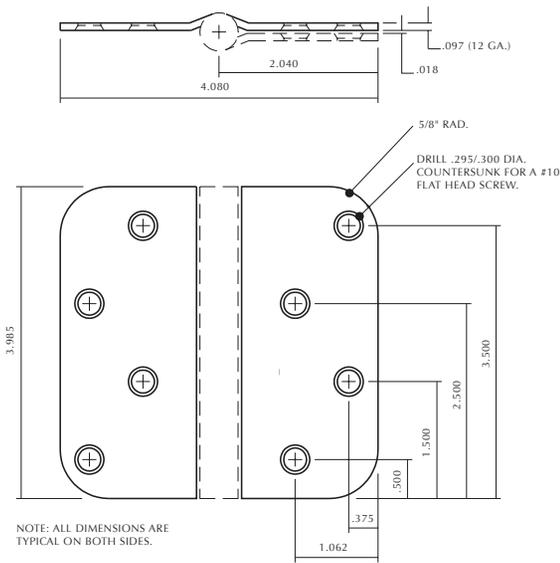
STYLE# FCF140



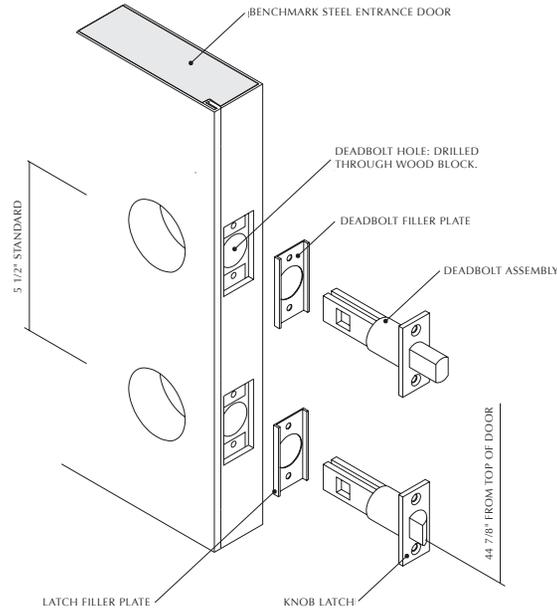
STYLE# FCF160

Therma-Tru® Light Commercial/Multi-Family - Standard Hardware Preps.

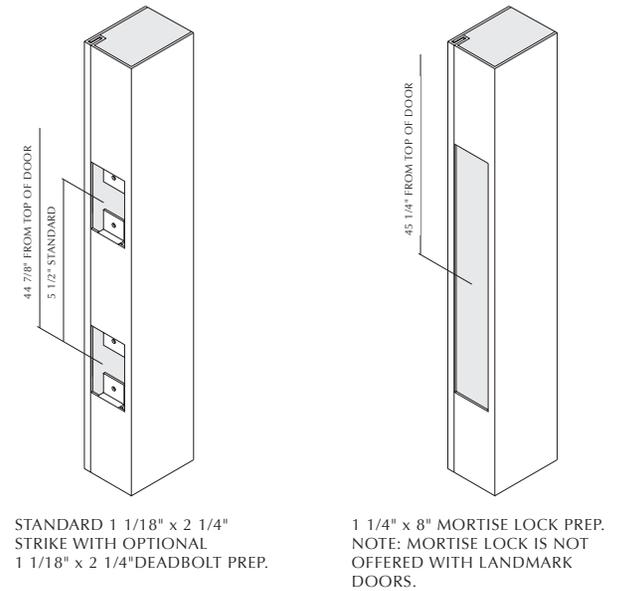
4" x 4" HINGE DETAIL



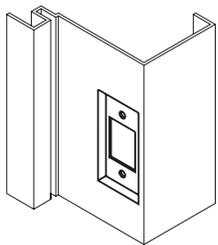
STANDARD LATCH PREP



LATCH PREPS

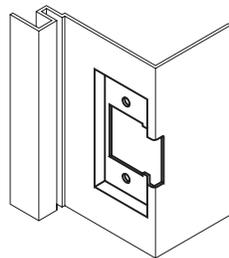


STEEL DEADBOLT PREP



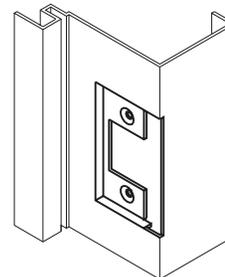
STAMPED 1 1/8" x 2 3/4" OPTIONAL DEADBOLT PREP FOR STEEL FRAMES. AVAILABLE WITH ADJUSTA-FIT, ADJUSTA-TRIM, & SECURA-FIT FRAMES.

STEEL TEE STRIKE PREP



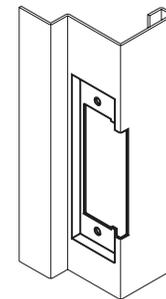
STAMPED TEE STRIKE PREP FOR STEEL FRAMES. AVAILABLE WITH ADJUSTA-FIT, ADJUSTA-TRIM & SECURA-FIT FRAMES.

STEEL LIP STRIKE PREP



STAMPED LIP STRIKE PREP FOR STEEL FRAMES. AVAILABLE WITH ADJUSTA-FIT, ADJUSTA-TRIM & SECURA-FIT FRAMES.

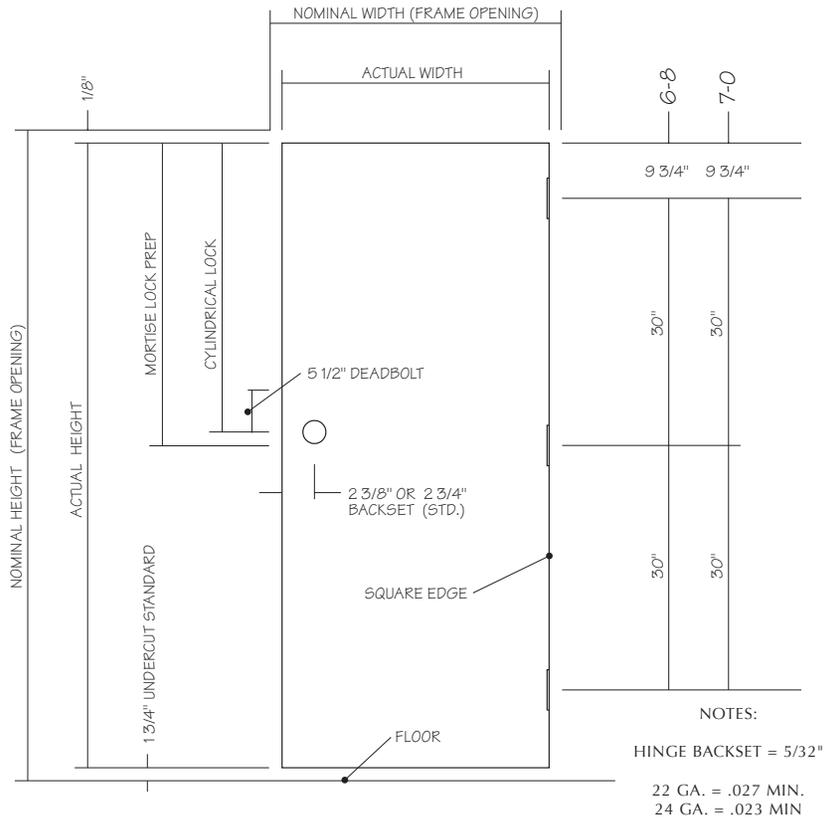
STEEL 4 7/8" ANSI PREP



STAMPED 4 7/8" ANSI STRIKE PREP FOR STEEL FRAMES. AVAILABLE WITH ADJUSTA-FIT, ADJUSTA-TRIM & SECURA-FIT FRAMES.

Therma-Tru® Light Commercial/Multi-Family - Hardware Locations

STANDARD STEEL ENTRANCE DOORS

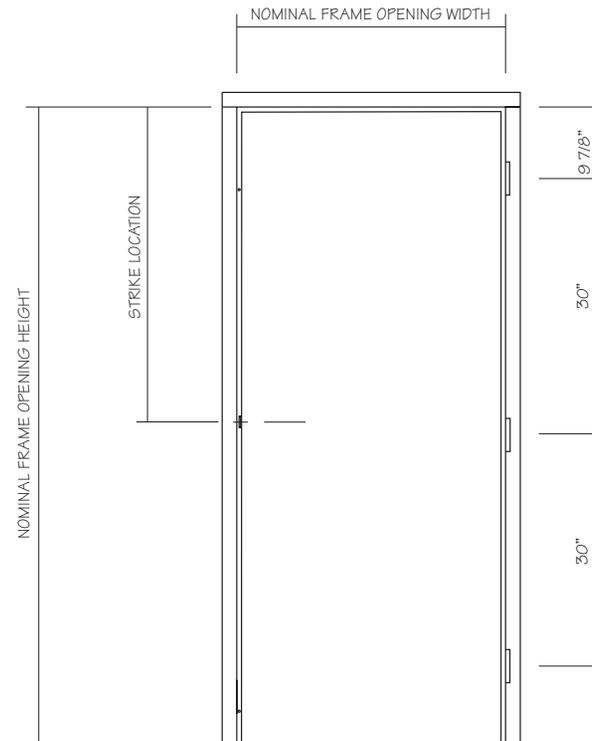


STANDARD 1 3/4" DOOR, HINGE and CYLINDER LOCK LOCATIONS:

DOOR WIDTH							
NOMINAL	2-0	2-4	2-6	2-8	2-10	3-0	3-6
ACTUAL	23 11/16"	27 11/16"	29 11/16"	31 11/16"	33 11/16"	35 11/16"	41 11/16"

DOOR HEIGHT			
NOMINAL	6-8	7-0	8-0
ACTUAL	78 5/8"	82 1/8"	93"
MORTISE PREP	45 1/4"	45 1/4"	59 5/8"
CYLINDRICAL PREP	44 7/8"	44 7/8"	59 1/4"

HARDWARE LOCATIONS



UNDERCUT OPTIONS:
STANDARD - 1 3/4"
PUBLIC ACCESS - 1 1/8"
NO SILL OPTION - 3/4"

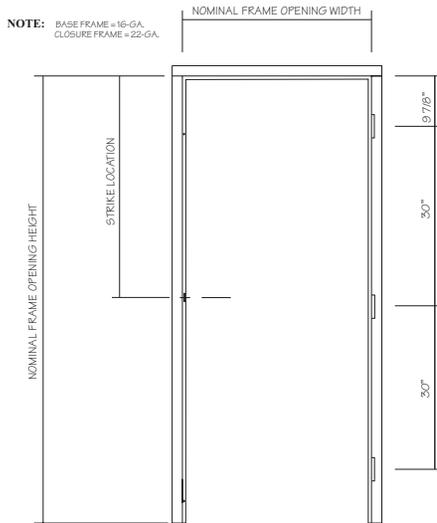
JOB NUMBER	
PROJECT	
LOCATION	
SHEET NUMBER	OF

Therma-Tru® Light Commercial/Multi-Family - Custom Elevations/Applications

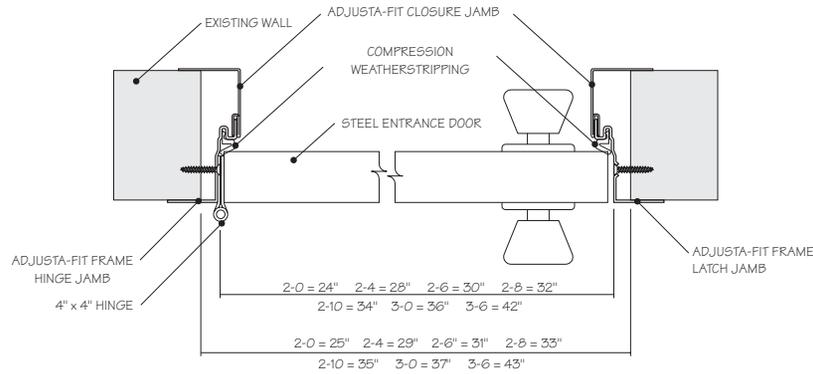
JOB NUMBER	
PROJECT	
LOCATION	
SHEET NUMBER	OF

Therma-Tru® Light Commercial/Multi-Family - Adjusta-Fit® Frames - Single

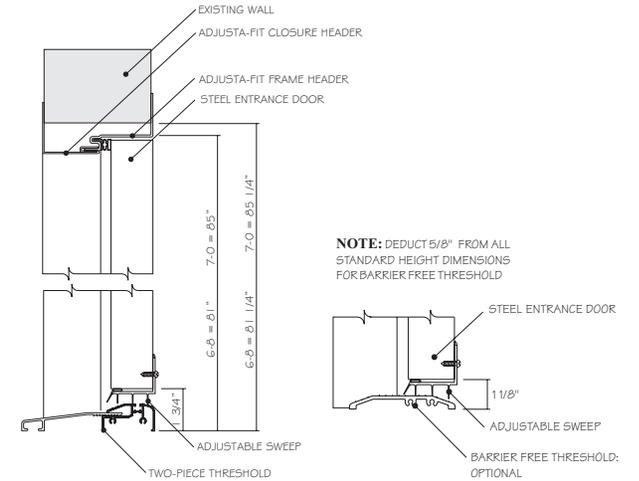
HARDWARE LOCATIONS



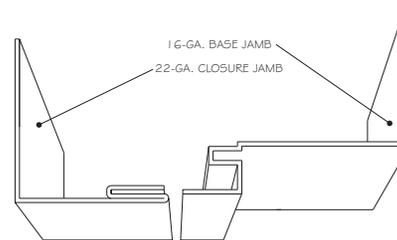
FRAME DETAIL



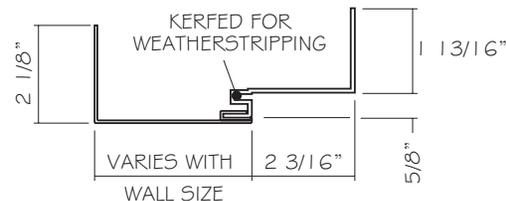
AVAILABLE THRESHOLDS



ADJUSTA-FIT KERFED FRAME



ADJUSTA-FIT FRAMES



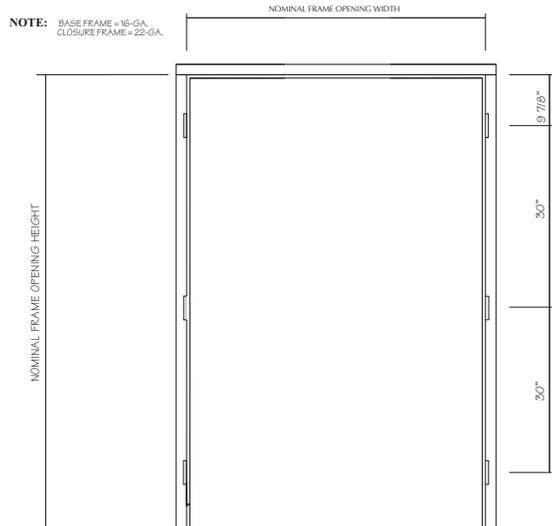
NOMINAL FRAME OPENING	ROUGH OPENING WIDTH	ROUGH OPENING HEIGHT - STD	ROUGH OPENING HEIGHT - BARRIER FREE	ROUGH OPENING HEIGHT - NO SILL OPTION
2-0 x 6-8	25"	80 3/4"	80 1/8"	79 3/4"
2-4 x 6-8	29"	80 3/4"	80 1/8"	79 3/4"
2-6 x 6-8	31"	80 3/4"	80 1/8"	79 3/4"
2-8 x 6-8	33"	80 3/4"	80 1/8"	79 3/4"
2-10 x 6-8	35"	80 3/4"	80 1/8"	79 3/4"
3-0 x 6-8	37"	80 3/4"	80 1/8"	79 3/4"
3-6 x 6-8	43"	80 3/4"	80 1/8"	79 3/4"
2-0 x 7-0	25"	84 1/4"	83 5/8"	83 1/4"
2-4 x 7-0	29"	84 1/4"	83 5/8"	83 1/4"
2-6 x 7-0	31"	84 1/4"	83 5/8"	83 1/4"
2-8 x 7-0	33"	84 1/4"	83 5/8"	83 1/4"
2-10 x 7-0	35"	84 1/4"	83 5/8"	83 1/4"
3-0 x 7-0	37"	84 1/4"	83 5/8"	83 1/4"
3-6 x 7-0	43"	84 1/4"	83 5/8"	83 1/4"

WALL SIZE	CLOSURE MODEL
3 3/8" - 3 3/4"	3
3 3/4" - 4 1/8"	3A
4 1/8" - 4 5/8"	4
4 5/8" - 5"	4A
5 1/8" - 5 5/8"	5
5 5/8" - 6"	5A
6 1/8" - 6 5/8"	6
6 5/8" - 7"	6A
7 1/8" - 7 5/8"	7
7 5/8" - 8"	7A
8 1/8" - 8 5/8"	8
8 5/8" - 9"	8A
9 1/8" - 9 5/8"	9
9 5/8" - 10"	9A
10 1/8" - 10 5/8"	10

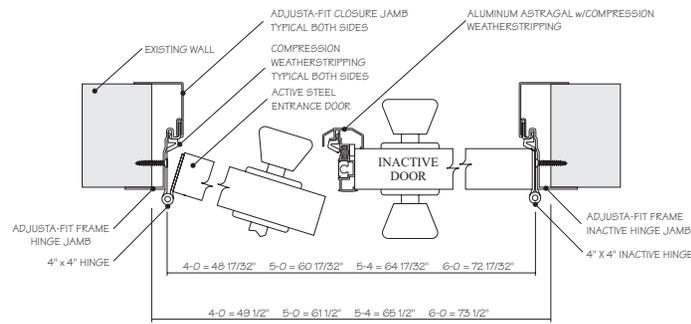
THRESHOLDS	
	TWO PIECE
	BARRIER FREE
HINGES	
	REMOVABLE PIN
	NON-REMOVABLE PIN
	SPRING LOADED
	BALL BEARING
LATCH PREPS	
	4 7/8" ANSI (STD)
	T-STRIKE w/ DEADBOLT

Therma-Tru® Light Commercial/Multi-Family - Adjusta-Fit® Frames - Double

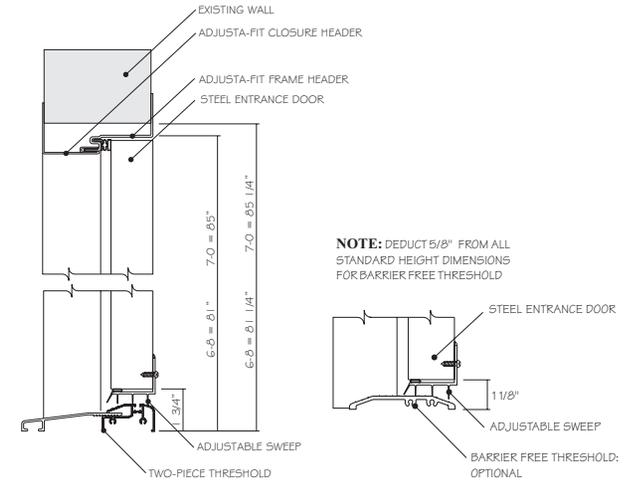
HARDWARE LOCATIONS



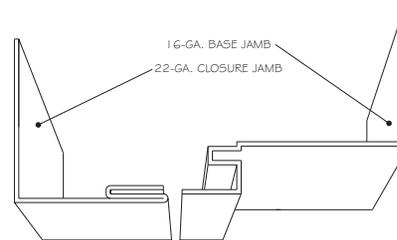
FRAME DETAIL



AVAILABLE THRESHOLDS



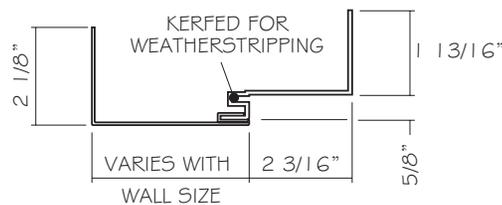
ADJUSTA-FIT KERFED FRAME



NOMINAL FRAME OPENING	ROUGH OPENING WIDTH	ROUGH OPENING HEIGHT - STD	ROUGH OPENING HEIGHT - BARRIER FREE	ROUGH OPENING HEIGHT - NO SILL OPTION
4-0 x 6-8	49 1/2"	80 3/4"	80 1/8"	79 3/4"
5-0 x 6-8	61 1/2"	80 3/4"	80 1/8"	79 3/4"
5-4 x 6-8	65 1/2"	80 3/4"	80 1/8"	79 3/4"
6-0 x 6-8	73 1/2"	80 3/4"	80 1/8"	79 3/4"
4-0 x 7-0	49 1/2"	84 1/4"	83 5/8"	83 1/4"
5-0 x 7-0	61 1/2"	84 1/4"	83 5/8"	83 1/4"
5-4 x 7-0	65 1/2"	84 1/4"	83 5/8"	83 1/4"
6-0 x 7-0	73 1/2"	84 1/4"	83 5/8"	83 1/4"

WALL SIZE	CLOSURE MODEL
3 3/8" - 3 3/4"	3
3 3/4" - 4 1/8"	3A
4 1/8" - 4 5/8"	4
4 5/8" - 5"	4A
5 1/8" - 5 5/8"	5
5 5/8" - 6"	5A
6 1/8" - 6 5/8"	6
6 5/8" - 7"	6A
7 1/8" - 7 5/8"	7
7 5/8" - 8"	7A
8 1/8" - 8 5/8"	8
8 5/8" - 9"	8A
9 1/8" - 9 5/8"	9
9 5/8" - 10"	9A
10 1/8" - 10 5/8"	10

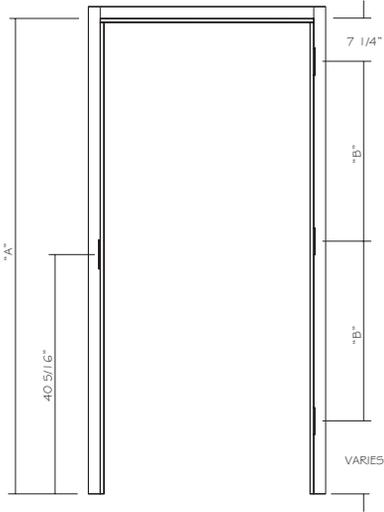
ADJUSTA-FIT FRAMES



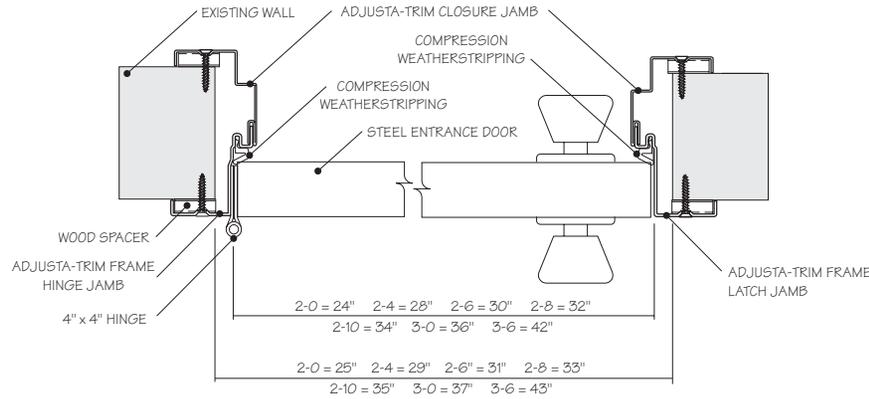
THRESHOLDS	
	TWO PIECE
	BARRIER FREE
HINGES	
	REMOVABLE PIN
	NON-REMOVABLE PIN
	SPRING LOADED
	BALL BEARING
LATCH PREPS	
	4 7/8" ANSI (STD)
	T-STRIKE w/ DEADBOLT

Therma-Tru® Light Commercial/Multi-Family - Adjusta-Trim® Frames - Single

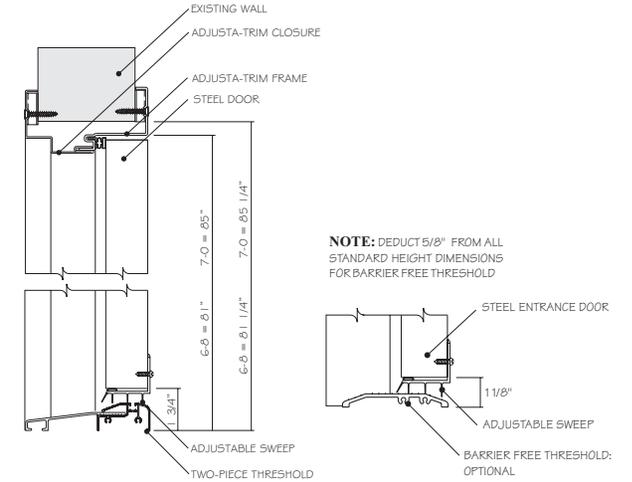
HARDWARE LOCATIONS



FRAME DETAIL



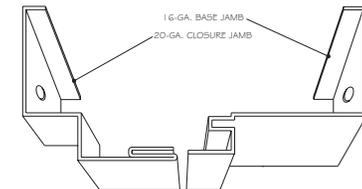
AVAILABLE THRESHOLDS



ADJUSTA-TRIM KERFED FRAME

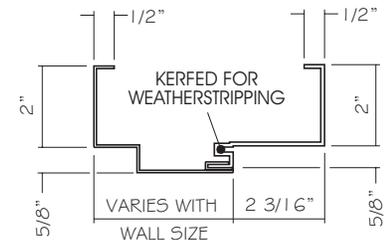
NOMINAL FRAME OPENING	ROUGH OPENING WIDTH	ROUGH OPENING HEIGHT - STD	ROUGH OPENING HEIGHT - BARRIER FREE	ROUGH OPENING HEIGHT - NO SILL OPTION
2-0 x 6-8	25"	80 3/4"	80 1/8"	79 3/4"
2-4 x 6-8	29"	80 3/4"	80 1/8"	79 3/4"
2-6 x 6-8	31"	80 3/4"	80 1/8"	79 3/4"
2-8 x 6-8	33"	80 3/4"	80 1/8"	79 3/4"
2-10 x 6-8	35"	80 3/4"	80 1/8"	79 3/4"
3-0 x 6-8	37"	80 3/4"	80 1/8"	79 3/4"
3-6 x 6-8	43"	80 3/4"	80 1/8"	79 3/4"
2-0 x 7-0	25"	84 1/4"	83 5/8"	83 1/4"
2-4 x 7-0	29"	84 1/4"	83 5/8"	83 1/4"
2-6 x 7-0	31"	84 1/4"	83 5/8"	83 1/4"
2-8 x 7-0	33"	84 1/4"	83 5/8"	83 1/4"
2-10 x 7-0	35"	84 1/4"	83 5/8"	83 1/4"
3-0 x 7-0	37"	84 1/4"	83 5/8"	83 1/4"
3-6 x 7-0	43"	84 1/4"	83 5/8"	83 1/4"

WALL SIZE	CLOSURE MODEL
4 1/8" - 4 5/8"	4
4 5/8" - 5"	4A
5 1/8" - 5 5/8"	5
5 5/8" - 6"	5A
6 1/8" - 6 5/8"	6
6 5/8" - 7"	6A
7 1/8" - 7 5/8"	7
7 5/8" - 8"	7A
8 1/8" - 8 5/8"	8
8 5/8" - 9"	8A
9 1/8" - 9 5/8"	9
9 5/8" - 10"	9A
10 1/8" - 10 5/8"	10



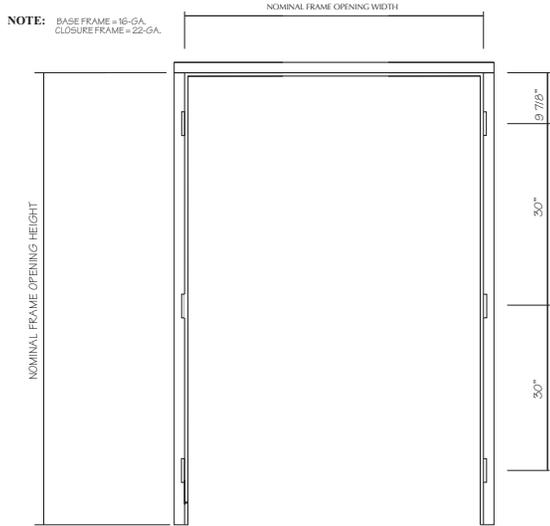
ADJUSTA-TRIM FRAMES

THRESHOLDS	WEATHERSTRIPPING	STRIKE PREPS	HINGES	FIRE RATINGS
Two-Piece	X	Lip Strike w/ Opt. Deadbolt	Removable Pin	"B" Rating 1 1/2 Hour
Barrier Free	X	Compression	Non-Removable Pin	"C" Rating 3/4 Hour
Frost Break Inswing: FBI		4 7/8" ANSI w/ Opt. Deadbolt	Ball Bearing	No Rating
Frost Break Outswing: FBO		4 7/8" ANSI w/ Multi-Deadbolt	Spring Loaded	

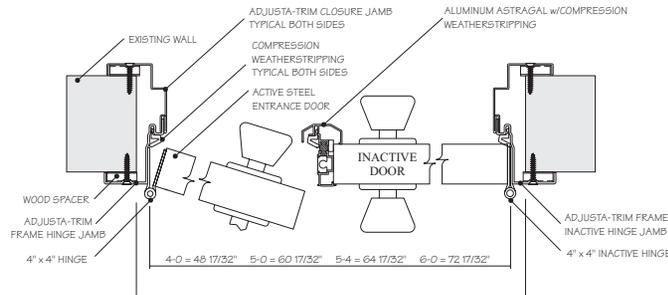


Therma-Tru® Light Commercial/Multi-Family - Adjusta-Trim® Frames - Double

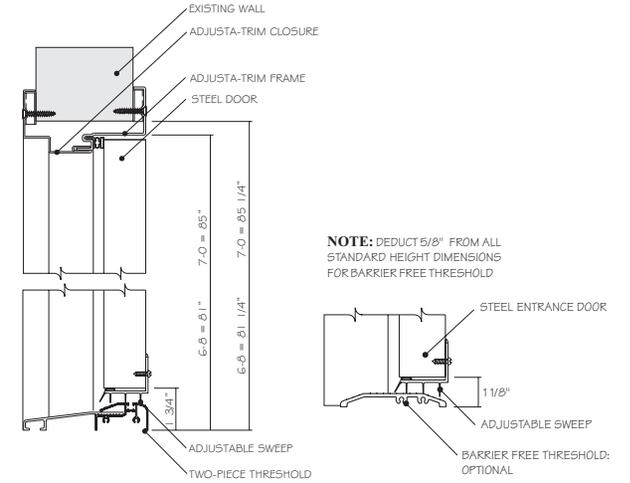
HARDWARE LOCATIONS



FRAME DETAIL



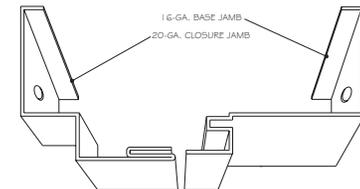
AVAILABLE THRESHOLDS



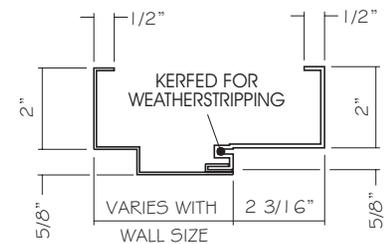
NOMINAL FRAME OPENING	ROUGH OPENING WIDTH	ROUGH OPENING HEIGHT - STD	ROUGH OPENING HEIGHT - BARRIER FREE	ROUGH OPENING HEIGHT - NO SILL OPTION
4-0 x 6-8	49 1/2"	80 3/4"	80 1/8"	79 3/4"
5-0 x 6-8	61 1/2"	80 3/4"	80 1/8"	79 3/4"
5-4 x 6-8	65 1/2"	80 3/4"	80 1/8"	79 3/4"
6-0 x 6-8	73 1/2"	80 3/4"	80 1/8"	79 3/4"
4-0 x 7-0	49 1/2"	84 1/4"	83 5/8"	83 1/4"
5-0 x 7-0	61 1/2"	84 1/4"	83 5/8"	83 1/4"
5-4 x 7-0	65 1/2"	84 1/4"	83 5/8"	83 1/4"
6-0 x 7-0	73 1/2"	84 1/4"	83 5/8"	83 1/4"

WALL SIZE	CLOSURE MODEL
4 1/8" - 4 5/8"	4
4 5/8" - 5"	4A
5 1/8" - 5 5/8"	5
5 5/8" - 6"	5A
6 1/8" - 6 5/8"	6
6 5/8" - 7"	6A
7 1/8" - 7 5/8"	7
7 5/8" - 8"	7A
8 1/8" - 8 5/8"	8
8 5/8" - 9"	8A
9 1/8" - 9 5/8"	9
9 5/8" - 10"	9A
10 1/8" - 10 5/8"	10

ADJUSTA-TRIM KERFED FRAME



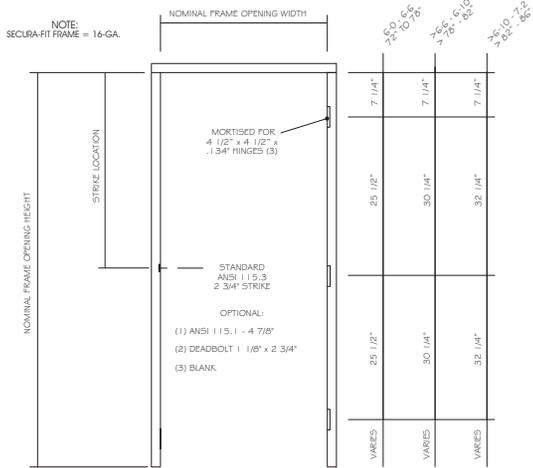
ADJUSTA-TRIM FRAMES



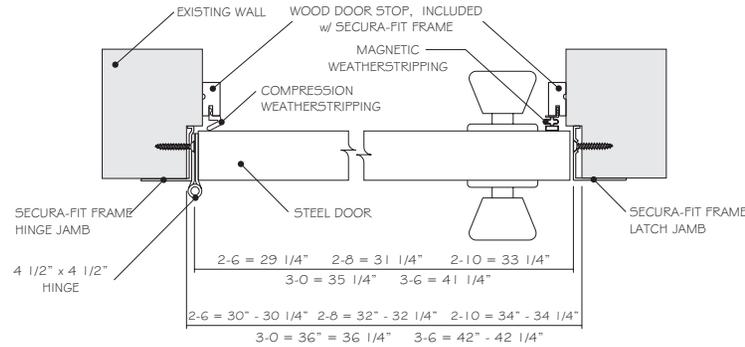
THRESHOLDS	WEATHERSTRIPPING	STRIKE PREPS	HINGES	FIRE RATINGS
Two-Piece	X	Lip Strike w/ Opt. Deadbolt	X	"B" Rating 1 1/2 Hour
Barrier Free	X	T-Strike w/ Opt. Deadbolt	X	"C" Rating 3/4 Hour
Frost Break Inswing: FBI		4 7/8" ANSI w/ Opt. Deadbolt	X	No Rating
Frost Break Outswing: FBO		4 7/8" ANSI w/ Multi-Deadbolt	X	

Therma-Tru® Light Commercial/Multi-Family - Secura-Fit® Frames - Single

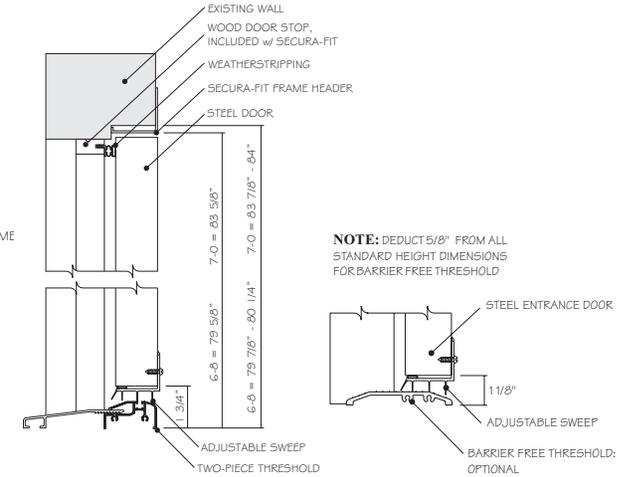
HARDWARE LOCATIONS



FRAME DETAIL



AVAILABLE THRESHOLDS



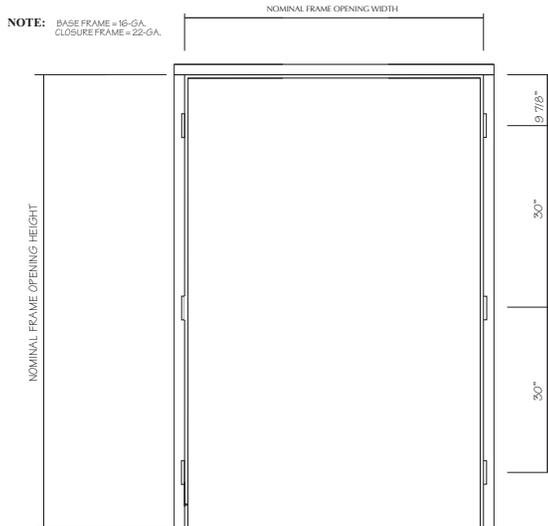
NOMINAL FRAME OPENING	ROUGH OPENING WIDTH	ROUGH OPENING HEIGHT
2-0 x 6-8	24" - 24 1/4"	79 7/8" - 80 1/4"
2-4 x 6-8	28" - 28 1/4"	79 7/8" - 80 1/4"
2-6 x 6-8	30" - 30 1/4"	79 7/8" - 80 1/4"
2-8 x 6-8	32" - 32 1/4"	79 7/8" - 80 1/4"
2-10 x 6-8	34" - 34 1/4"	79 7/8" - 80 1/4"
3-0 x 6-8	36" - 36 1/4"	79 7/8" - 80 1/4"
2-0 x 7-0	24" - 24 1/4"	83 7/8" - 84"
2-4 x 7-0	28" - 28 1/4"	83 7/8" - 84"
2-6 x 7-0	30" - 30 1/4"	83 7/8" - 84"
2-8 x 7-0	32" - 32 1/4"	83 7/8" - 84"
2-10 x 7-0	34" - 34 1/4"	83 7/8" - 84"
3-0 x 7-0	36" - 36 1/4"	83 7/8" - 84"

THRESHOLDS	
	TWO PIECE
	BARRIER FREE
HINGES	
	REMOVABLE PIN
	NON-REMOVABLE PIN
	SPRING LOADED
	BALL BEARING
LATCH PREPS	
	T-STRIKE (STD)
	T-STRIKE w/ DEADBOLT
	4 7/8" ANSI
	4 7/8" ANSI w/ DEADBOLT

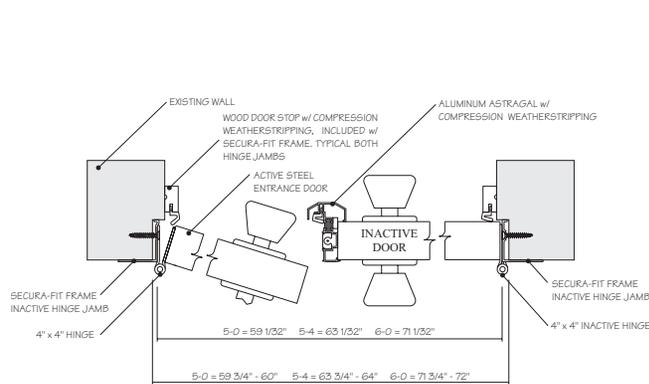
JOB NUMBER
PROJECT
LOCATION
SHEET NUMBER OF

Therma-Tru® Light Commercial/Multi-Family - Secura-Fit® Frames - Double

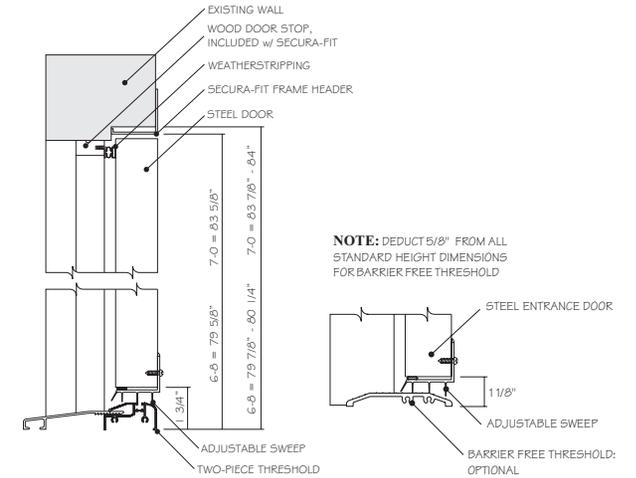
HARDWARE LOCATIONS



FRAME DETAIL



AVAILABLE THRESHOLDS



NOMINAL FRAME OPENING	ROUGH OPENING WIDTH	ROUGH OPENING HEIGHT
4-0 x 6-8	47 3/4" - 48"	79 7/8" - 80 1/4"
5-0 x 6-8	59 3/4" - 60"	79 7/8" - 80 1/4"
5-4 x 6-8	63 3/4" - 64"	79 7/8" - 80 1/4"
6-0 x 6-8	71 3/4" - 72"	79 7/8" - 80 1/4"
4-0 x 7-0	47 3/4" - 48"	83 7/8" - 84"
5-0 x 7-0	59 3/4" - 60"	83 7/8" - 84"
5-0 x 7-0	63 3/4" - 64"	83 7/8" - 84"
6-0 x 7-0	71 3/4" - 72"	83 7/8" - 84"

THRESHOLDS
TWO PIECE
BARRIER FREE
HINGES
REMOVABLE PIN
NON-REMOVABLE PIN
SPRING LOADED
BALL BEARING
LATCH PREPS
T-STRIKE (STD)
T-STRIKE w/ DEADBOLT
4 7/8" ANSI
4 7/8" ANSI w/ DEADBOLT

JOB NUMBER	
PROJECT	
LOCATION	
SHEET NUMBER	OF