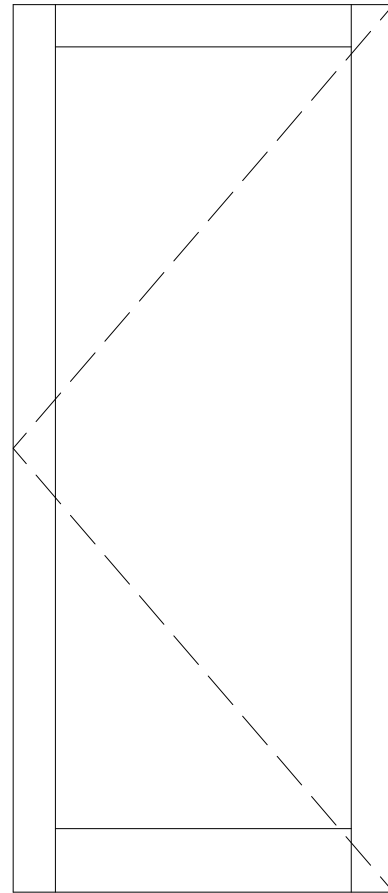
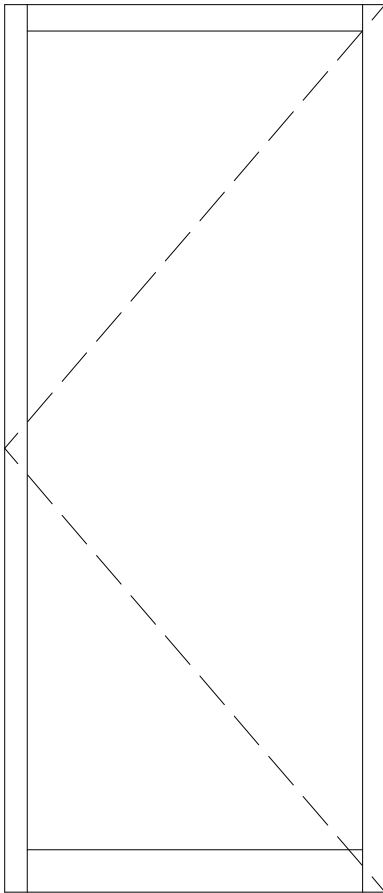


# 3100 STANDARD DOOR

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## MAIN FEATURES

- 1 3/4" (44.5mm) system depth
- Accommodate 5mm, 6mm, 8mm, and 25.4mm glass units
- Options for narrow and wide stiles
- Multiple top/bottom/intermediate rails available
- Clear anodized and black anodized in stock
- Standard and custom hardware available



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# 3100 STANDARD DOOR

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# 3100 STANDARD DOOR

3100.10.10.1  
DOOR SERIES

SERIES	STILES	TOP RAIL	INTERMEDIATE RAIL	BOTTOM RAIL
A202	2 $\frac{1}{8}$ " (54.0mm)	2 $\frac{1}{2}$ " (63.5mm)	NONE	2 $\frac{1}{2}$ " (63.5mm)
A204	2 $\frac{1}{8}$ " (54mm)	2 $\frac{1}{2}$ " (63.5mm)	NONE	3 $\frac{7}{8}$ " (98.4mm)
A206	2 $\frac{1}{8}$ " (54mm)	2 $\frac{1}{2}$ " (63.5mm)	NONE	6" (152.4mm)
A404	2 $\frac{1}{8}$ " (54mm)	3 $\frac{7}{8}$ " (98.4mm)	NONE	3 $\frac{7}{8}$ " (98.4mm)
A406	2 $\frac{1}{8}$ " (54mm)	3 $\frac{7}{8}$ " (98.4mm)	NONE	6" (152.4mm)
A222	2 $\frac{1}{8}$ " (54.0mm)	2 $\frac{1}{2}$ " (63.5mm)	2 $\frac{1}{2}$ " (63.5mm)	2 $\frac{1}{2}$ " (63.5mm)
A242	2 $\frac{1}{8}$ " (54.0mm)	2 $\frac{1}{2}$ " (63.5mm)	3 $\frac{7}{8}$ " (98.4mm)	2 $\frac{1}{2}$ " (63.5mm)
A262	2 $\frac{1}{8}$ " (54.0mm)	2 $\frac{1}{2}$ " (63.5mm)	6" (152.4mm)	2 $\frac{1}{2}$ " (63.5mm)
A224	2 $\frac{1}{8}$ " (54mm)	2 $\frac{1}{2}$ " (63.5mm)	2 $\frac{1}{2}$ " (63.5mm)	3 $\frac{7}{8}$ " (98.4mm)
A244	2 $\frac{1}{8}$ " (54mm)	2 $\frac{1}{2}$ " (63.5mm)	3 $\frac{7}{8}$ " (98.4mm)	3 $\frac{7}{8}$ " (98.4mm)
A264	2 $\frac{1}{8}$ " (54mm)	2 $\frac{1}{2}$ " (63.5mm)	6" (152.4mm)	3 $\frac{7}{8}$ " (98.4mm)
A226	2 $\frac{1}{8}$ " (54mm)	2 $\frac{1}{2}$ " (63.5mm)	2 $\frac{1}{2}$ " (63.5mm)	6" (152.4mm)
A246	2 $\frac{1}{8}$ " (54mm)	2 $\frac{1}{2}$ " (63.5mm)	3 $\frac{7}{8}$ " (98.4mm)	6" (152.4mm)
A266	2 $\frac{1}{8}$ " (54mm)	2 $\frac{1}{2}$ " (63.5mm)	6" (152.4mm)	6" (152.4mm)
A444	2 $\frac{1}{8}$ " (54mm)	3 $\frac{7}{8}$ " (98.4mm)	3 $\frac{7}{8}$ " (98.4mm)	3 $\frac{7}{8}$ " (98.4mm)
A464	2 $\frac{1}{8}$ " (54mm)	3 $\frac{7}{8}$ " (98.4mm)	6" (152.4mm)	3 $\frac{7}{8}$ " (98.4mm)
A446	2 $\frac{1}{8}$ " (54mm)	3 $\frac{7}{8}$ " (98.4mm)	3 $\frac{7}{8}$ " (98.4mm)	6" (152.4mm)
A466	2 $\frac{1}{8}$ " (54mm)	3 $\frac{7}{8}$ " (98.4mm)	6" (152.4mm)	6" (152.4mm)
B404	4" (101.6mm)	3 $\frac{7}{8}$ " (98.4mm)	NONE	3 $\frac{7}{8}$ " (98.4mm)
B406	4" (101.6mm)	3 $\frac{7}{8}$ " (98.4mm)	NONE	6" (152.4mm)
B606	4" (101.6mm)	6" (152.4mm)	NONE	6" (152.4mm)
B444	4" (101.6mm)	3 $\frac{7}{8}$ " (98.4mm)	3 $\frac{7}{8}$ " (98.4mm)	3 $\frac{7}{8}$ " (98.4mm)
B466	4" (101.6mm)	3 $\frac{7}{8}$ " (98.4mm)	6" (152.4mm)	6" (152.4mm)
B666	4" (101.6mm)	6" (152.4mm)	6" (152.4mm)	6" (152.4mm)



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## Standard hardware:

- 4 1/2" X 4" Bearing Butt hinges
- Reinforcement steel plates
- Adam Rites 1850 deadbolt lock
- Exterior cylinder c/w interior thumb turn
- 12" offset solid aluminum handle
- Aluminum push bar
- 4" width aluminum threshold at 1/2" height
- Door sweep
- Pair door are supplied with flush bolts in the inactive door

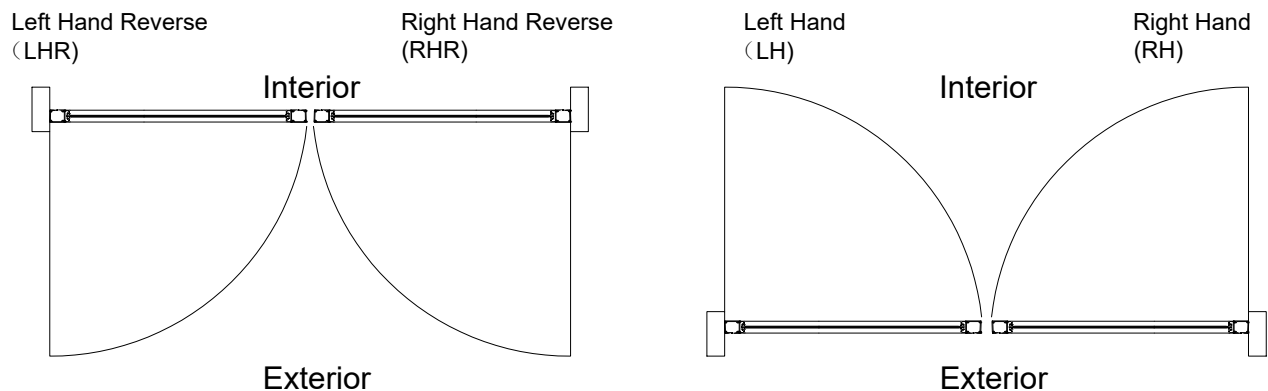
Other hardware may supply. Please contact your sales representative.

## Standard Finishes:

- Clear anodized
- Black anodized

Other custom finishes are available on request.

## Door swing guide:



# 3100 STANDARD DOOR

3100.10.30.1  
DOOR SIZE

- Standard opening size for single door is: 36"X84"(914.4mmX2133.6mm) or 38"X84"(965.2mmX2133.6mm)
- Standard opening size for pair door is: 72"X84"(1828.8mmX2133.6mm) or 76"X84" (1930.4mmX2133.6mm)
- Actual door size is smaller than the opening size to allow the clearances. Reference to the following table

Door opening size	Deduction for clearances	Actual door size
Single door 36"X84" (914.4mm X 2133.6mm)	Top : 1/8"(3.2mm) Butt hinge : 1/16"(1.6mm) Stile at handle side: 1/8"(3.2mm) 1/2" high threshold: 11/16"(17.5mm)	35 13/16" X 83 3/16" (909.6mm X 2113.0mm)
Single door 36"X84" (914.4mm X 2133.6mm)	Top : 1/8"(3.2mm) Continuous hinge : 3/8"(9.5mm) Stile at handle side: 1/8"(3.2mm) 1/2" high threshold: 11/16"(17.5mm)	35 1/2" X 83 3/16" (901.7mm X 2113.0mm)
Single door 38"X84" (965.2mm X 2133.6mm)	Top : 1/8"(3.2mm) Butt hinge : 1/16"(1.6mm) Stile at handle side: 1/8"(3.2mm) 1/2" high threshold: 11/16"(17.5mm)	37 13/16" X 83 3/16" (960.4mm X 2113.0mm)
Single door 38"X84" (965.2mm X 2133.6mm)	Top : 1/8"(3.2mm) Continuous hinge : 3/8"(9.5mm) Stile at handle side: 1/8"(3.2mm) 1/2" high threshold: 11/16"(17.5mm)	37 1/2" X 83 3/16" (952.5mm X 2113.0mm)
Pair door 72"X84" (1828.8mm X 2133.6mm)	Top : 1/8"(3.2mm) Butt hinge X 2 : 1/8"(3.2mm) Stile at handle side: 1/8"(3.2mm) 1/2" high threshold: 11/16"(17.5mm)	Each door 35 7/8" X 83 3/16" (911.2mm X 2113.0mm)
Pair door 72"X84" (1828.8mm X 2133.6mm)	Top : 1/8"(3.2mm) Continuous hinge X 2 : 3/4"(19.1mm) Stile at handle side: 1/8"(3.2mm) 1/2" high threshold: 11/16"(17.5mm)	Each door 35 9/16" X 83 3/16" (903.3mm X 2113.0mm)
Pair door 76"X84" (1930.4mm X 2133.6mm)	Top : 1/8"(3.2mm) Butt hinge X 2 : 1/8"(3.2mm) Stile at handle side: 1/8"(3.2mm) 1/2" high threshold: 11/16"(17.5mm)	Each door 37 7/8" X 83 3/16" (962.0mm X 2113.0mm)
Pair door 76"X84" (1930.4mm X 2133.6mm)	Top : 1/8"(3.2mm) Continuous hinge X 2 : 3/4"(19.1mm) Stile at handle side: 1/8"(3.2mm) 1/2" high threshold: 11/16"(17.5mm)	Each door 37 9/16" X 83 3/16" (954.1mm X 2113.0mm)

# 3100 STANDARD DOOR

3100.10.40.1  
GLASS SIZE

- Glass Size Calculation












Door Series	Glass Width Deduction from Actual Door Width	Glass Width Deduction from Actual Door Height	
		Rail Type	Deduction
Series A 2 1/8" (54mm) Stile	4 3/4" (120.65mm)	Top Rail 2 1/2" (63.5mm)	2 3/4" (69.9mm)
		Top Rail 3 7/8" (98.4mm)	4 3/8" (111.1mm)
		Top Rail 6" (63.5mm)	6 1/2" (165.1mm)
		Mid Rail 2 1/2" (63.5mm)	3 7/16" (87.3mm)
		Mid Rail 3 7/8" (98.4mm)	5 1/16" (128.6mm)
		Mid Rail 6" (63.5mm)	7 3/16" (182.6mm)
Series B 4" (101.6mm) Stile	8 1/2" (215.9mm)	Bottom Rail 2 1/2" (63.5mm)	2 3/4" (69.9mm)
		Bottom Rail 3 7/8" (98.4mm)	4 3/8" (111.1mm)
		Bottom Rail 6" (63.5mm)	6 1/2" (165.1mm)

- Standard Door Glass Size

Door opening size	Actual door size	Door Series	Glass Size
Single door 36"X84" (914.4mm X 2133.6mm) Butt Hinge, 1/2" High threshold	35 13/16" X 83 3/16" (909.6mm X 2113.0mm)	A204	31 1/16" X 76 1/4" (789.0mm X 1936.8mm)
		A404	31 1/16" X 74 9/16" (789.0mm X 1881.0mm)
Single door 38"X84" (965.2mm X 2133.6mm) Butt Hinge, 1/2" High threshold	37 13/16" X 83 3/16" (960.4mm X 2113.0mm)	A204	33 1/16" X 76 1/4" (839.8mm X 1936.8mm)
		A404	33 1/16" X 74 9/16" (839.8mm X 1881.0mm)
Pair door 72"X84" (1828.8mm X 2133.6mm) Butt Hinge, 1/2" High threshold	Each door 35 7/8" X 83 3/16" (911.2mm X 2113.0mm)	A204	2 @ 31 1/8" X 76 1/4" (790.6mm X 1936.8mm)
		A404	2 @ 31 1/8" X 74 9/16" (790.6mm X 1881.0mm)
Pair door 76"X84" (1930.4mm X 2133.6mm) Butt Hinge, 1/2" High threshold	Each door 37 7/8" X 83 3/16" (962.0mm X 2113.0mm)	A204	2 @ 33 1/8" X 76 1/4" (841.4mm X 1936.8mm)
		A404	2 @ 33 1/8" X 74 9/16" (841.4mm X 1881.0mm)

# 3100 STANDARD DOOR

3100.10.50.1  
PART LIST

PART	PART #	DESCRIPTION	NOTES
	310001	1 3/4" x 2 1/8" (57.2mm x 54.0mm) Door Stile - Handle Side	Sold set per standard manufactured door
	310002	1 3/4" x 2 1/8" (57.2mm x 54.0mm) Door Stile - Hinge Side	Sold set per standard manufactured door
	310003	1 3/4" x 2 1/8" (57.2mm x 54.0mm) Door Stile	Sold set per standard manufactured door
	310004	1 3/4" x 4" (57.2mm x 101.6mm) Door Stile	Sold set per standard manufactured door
	310051	1 3/4" x 2 1/2" (44.5mm x 63.5mm) Door Top or Bottom Rail	Sold set per standard manufactured door
	310052	1 3/4" x 3 7/8" (44.5mm x 98.4mm) Door Top or Bottom Rail	Sold set per standard manufactured door
	310053	1 3/4" x 6" (44.5mm x 152.4mm) Door Top or Bottom Rail	Sold set per standard manufactured door
	310055	3/8" (9.5mm) Mid Rail Adaptor	Sold set per standard manufactured door
	310057	Glass Stop for 1" Glazing	Sold set per standard manufactured door
	310058	Glass Stop for single glazing	Sold set per standard manufactured door
	357168	Door Shear Block	Sold set per standard manufactured door



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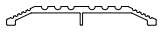









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# 3100 STANDARD DOOR

3100.10.50.2  
PART LIST

PART	PART #	DESCRIPTION	NOTES
	9311	1/2" X 4" (12.7mmX101.6mm) Standard Threshold	Priced per foot (0.3m)
	357165	Door Bottom Sweep	Priced per Set
	R002	EPDM Gasket 2mm	Priced per roll 250 feet (76.2m)
	R003	Push Bar	Priced per roll 250 feet (76.2m)
	300911	Push Bar	Priced per foot (0.3m)
	300912	Push Bar	Priced per piece
	HSM02	Stainless Steel Threaded Rod M8X80mm	Priced per piece
	HSM98	Stainless Steel Hex Nut for M8 Screws	Priced per piece
	HSR100200T	Pan Head Self tapping screw #10 X 2" for shearblock	Priced per piece
	HSR100034T	Flat Head Self tapping screw #10 X 3/4" for shearblock	Priced per piece



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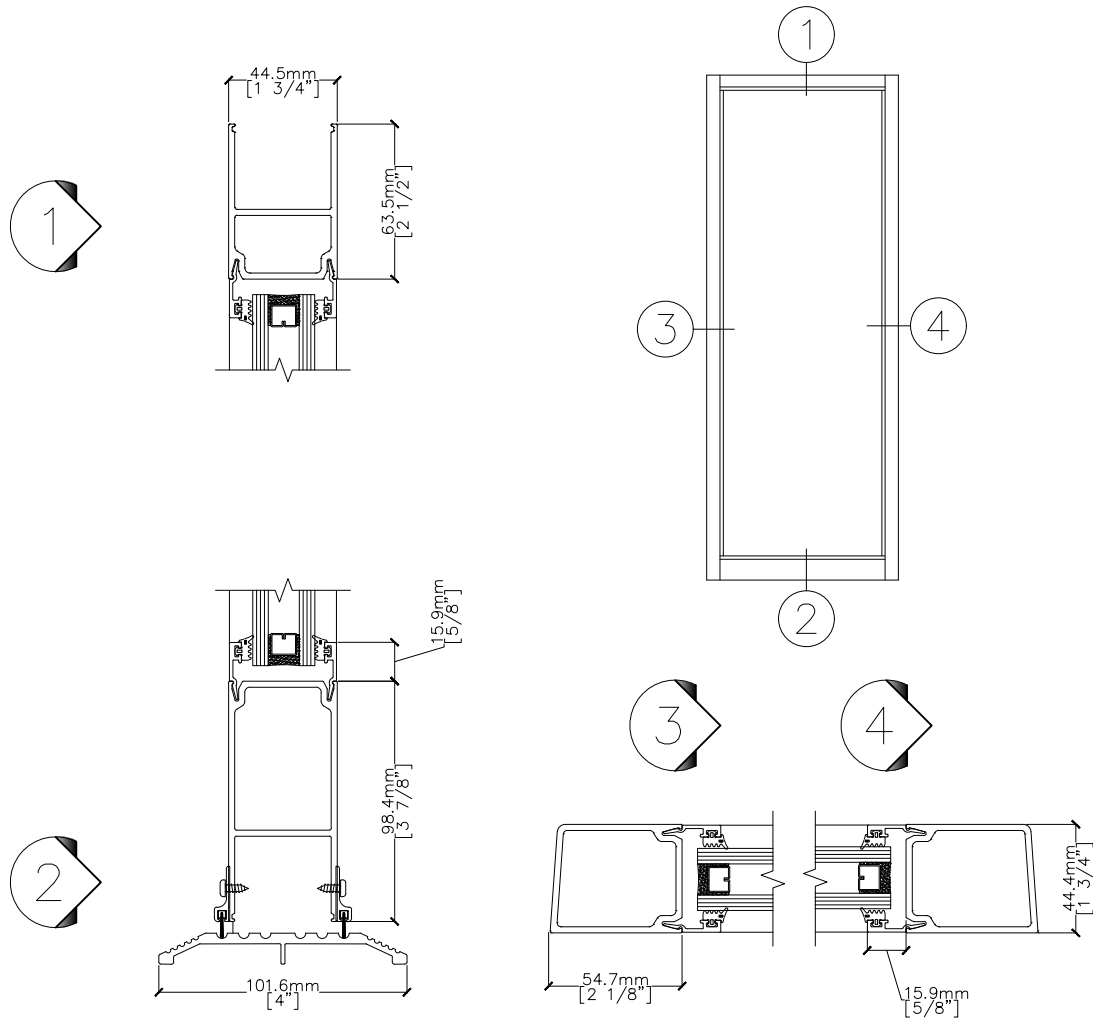
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# 3100 STANDARD DOOR

3100..10.60.1  
SERIES A204 SINGLE DOOR DETAILS



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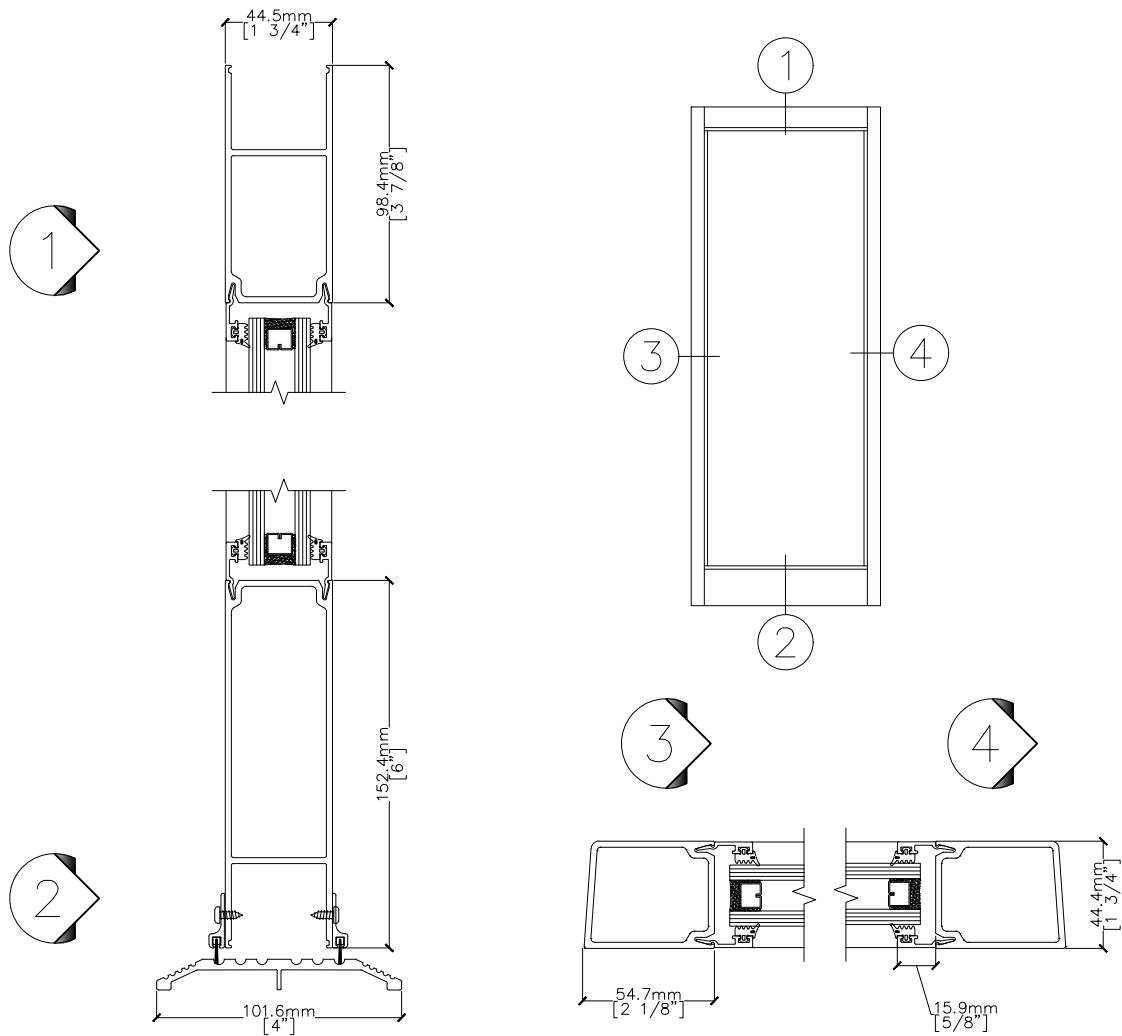
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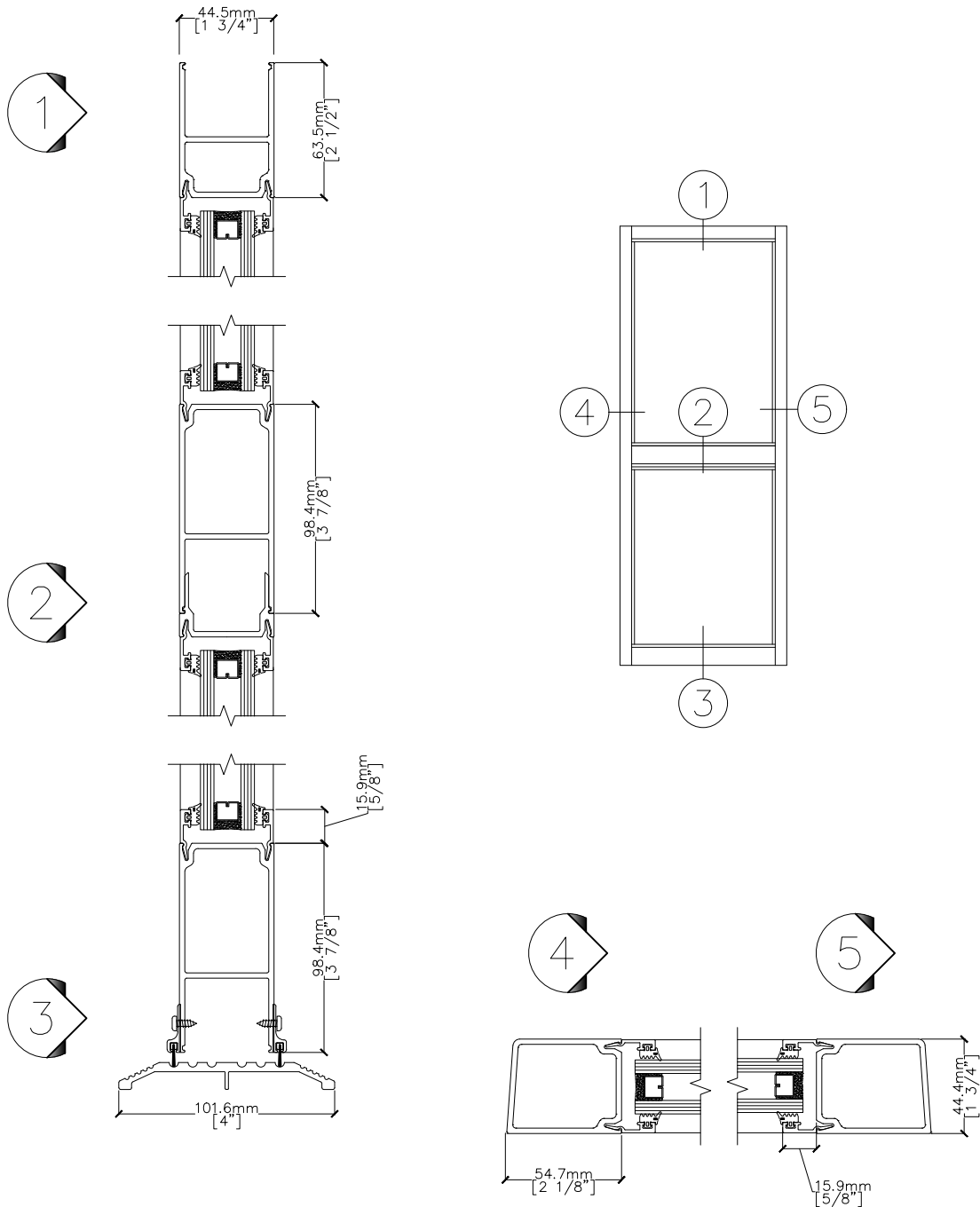
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3100.10.60.2  
SERIES A406 SINGLE DOOR DETAILS



# 3100 STANDARD DOOR

3100.10.60.3  
SERIES A244 SINGLE DOOR DETAILS



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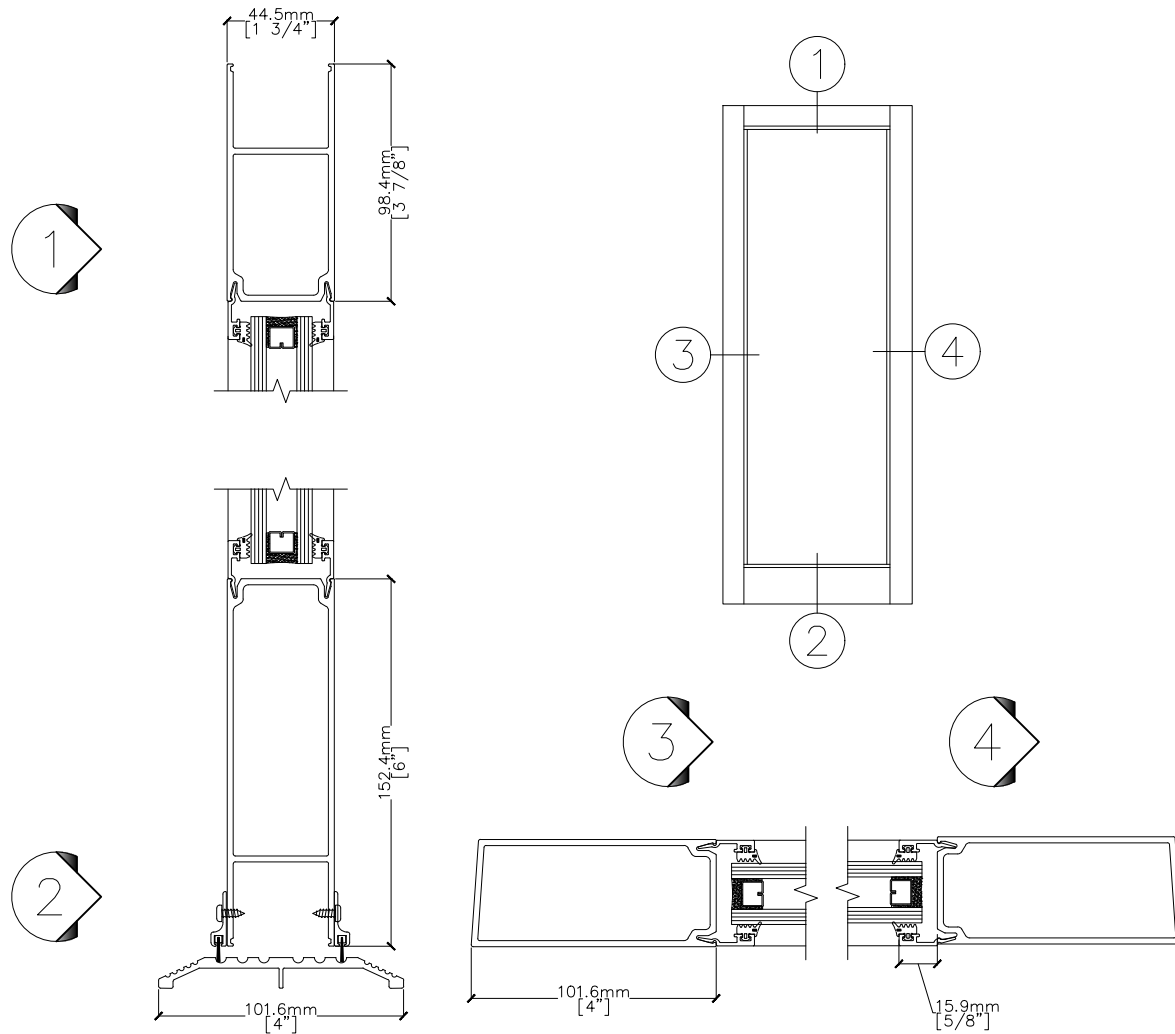
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# 3100 STANDARD DOOR

3100.10.60.4  
SERIES B406 SINGLE DOOR DETAILS



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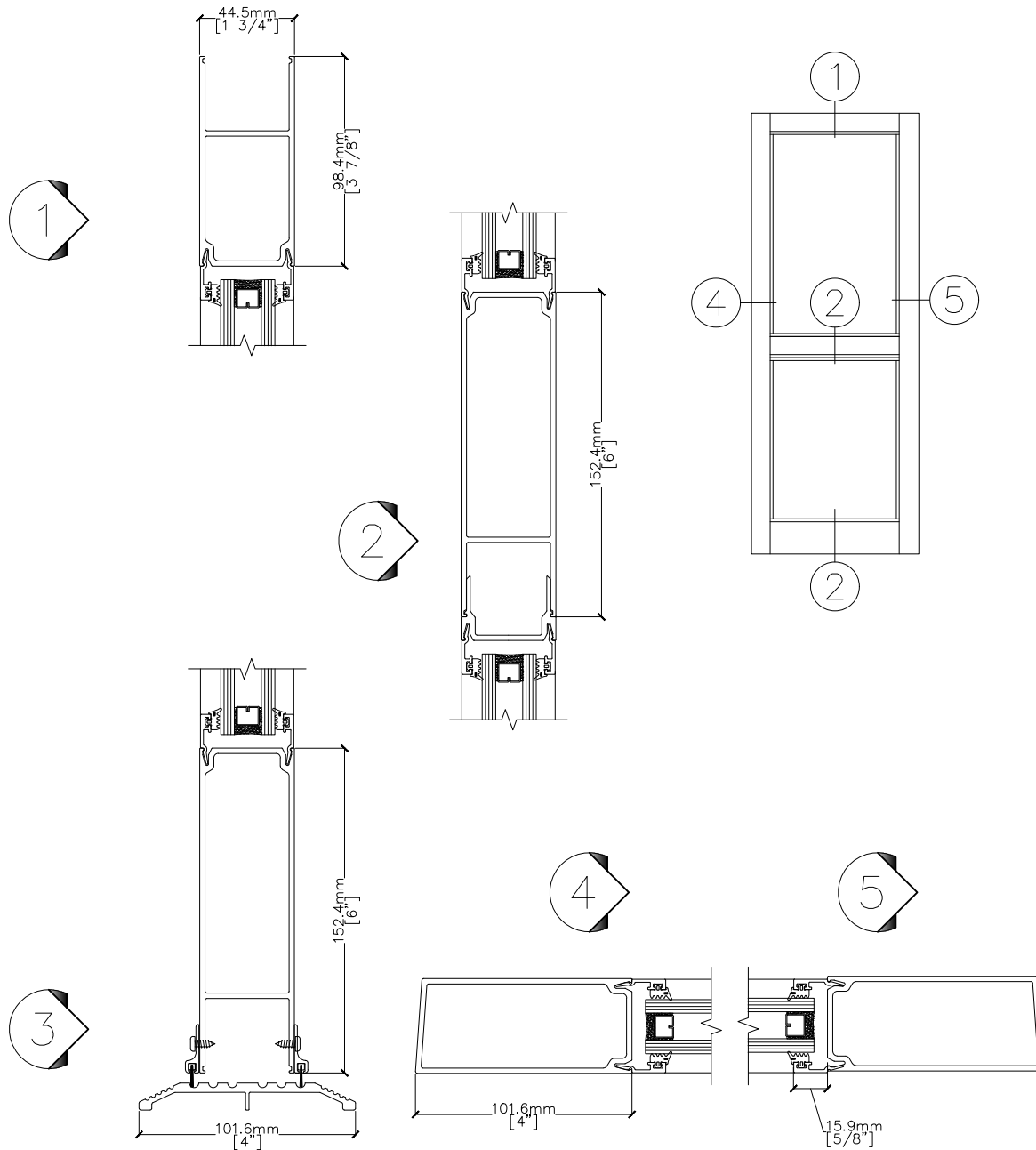
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# 3100 STANDARD DOOR

3100.10.60.5  
SERIES B466 SINGLE DOOR DETAILS



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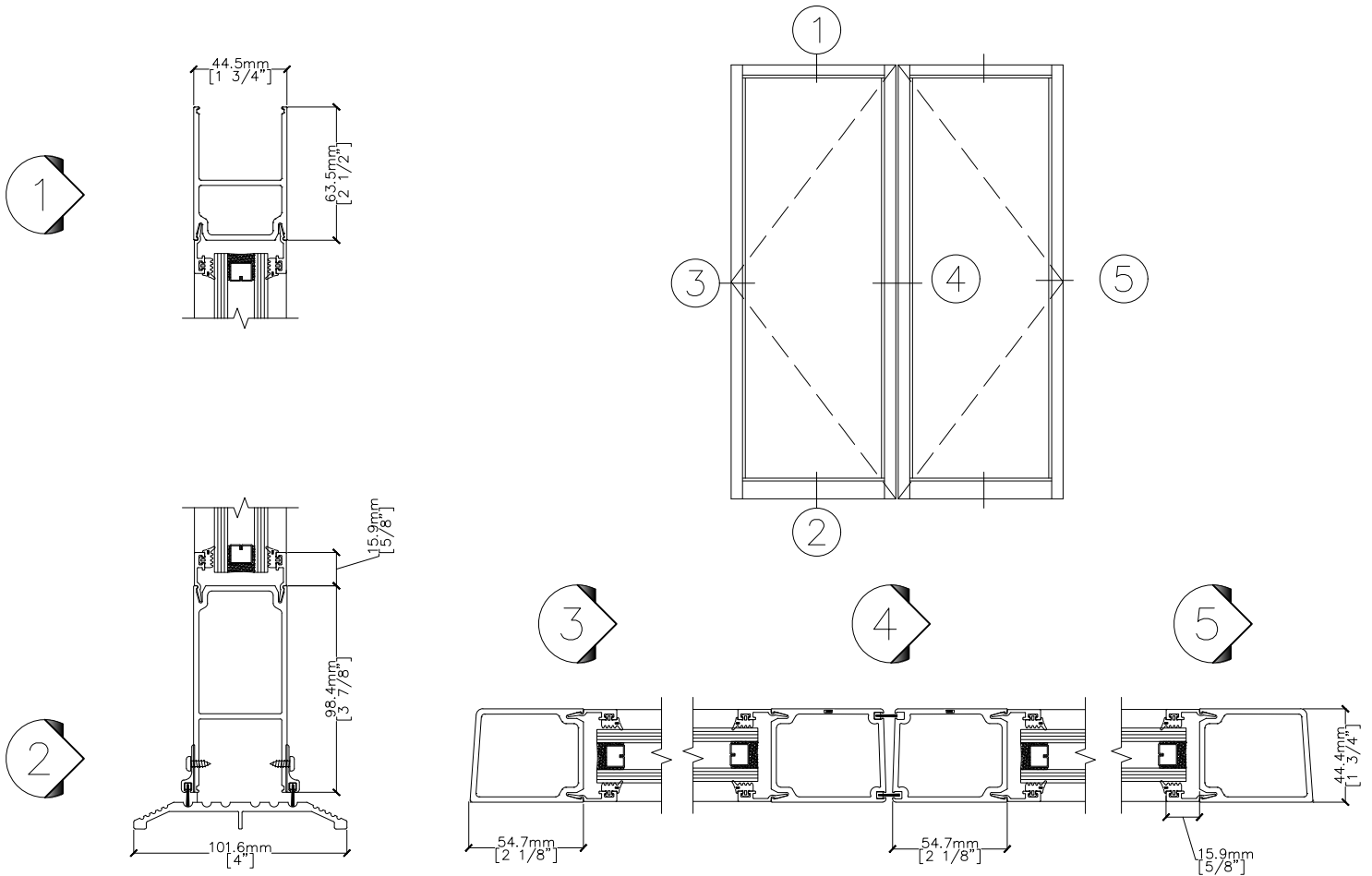
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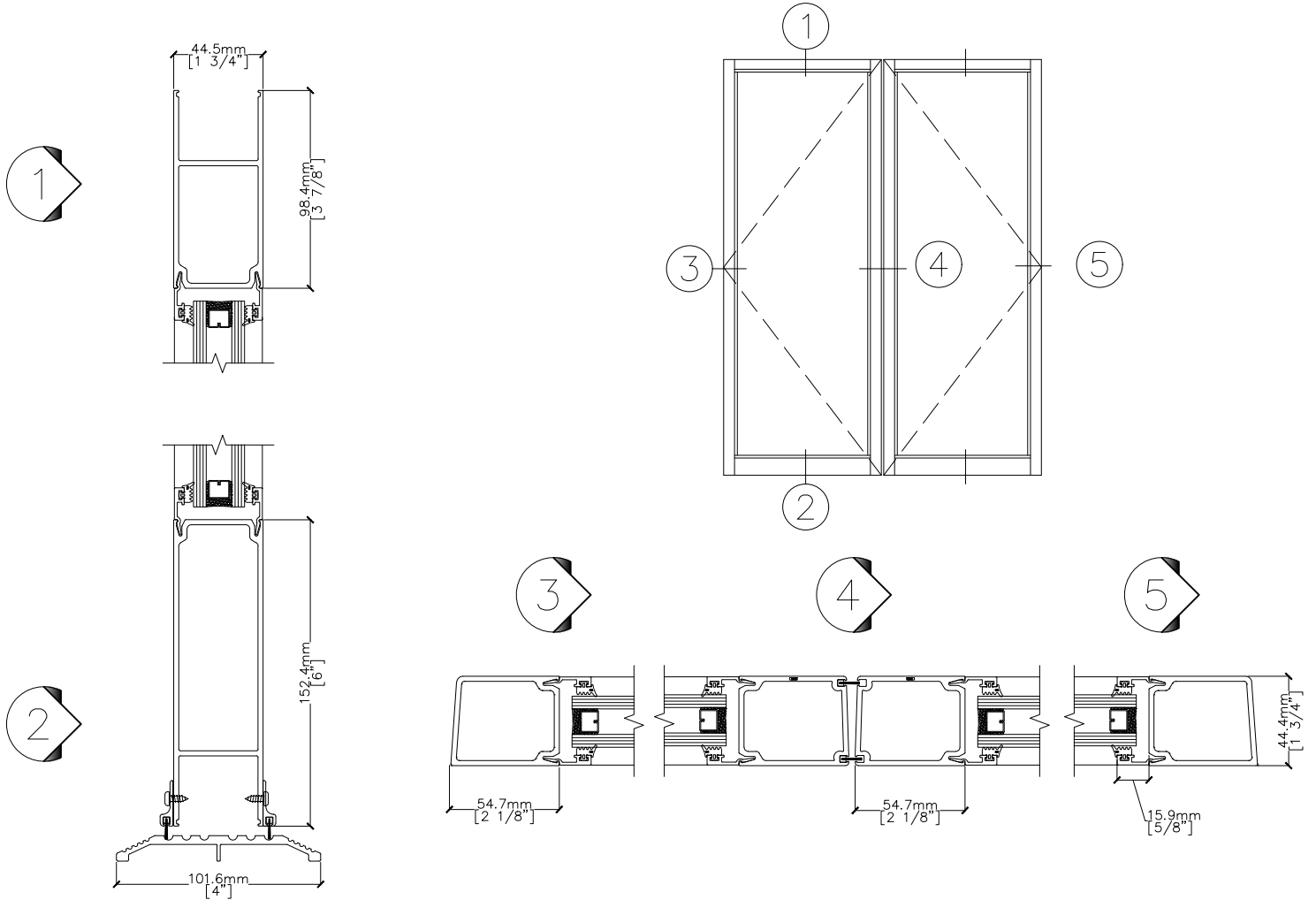
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 SERIES A204 PAIR DOOR DETAILS



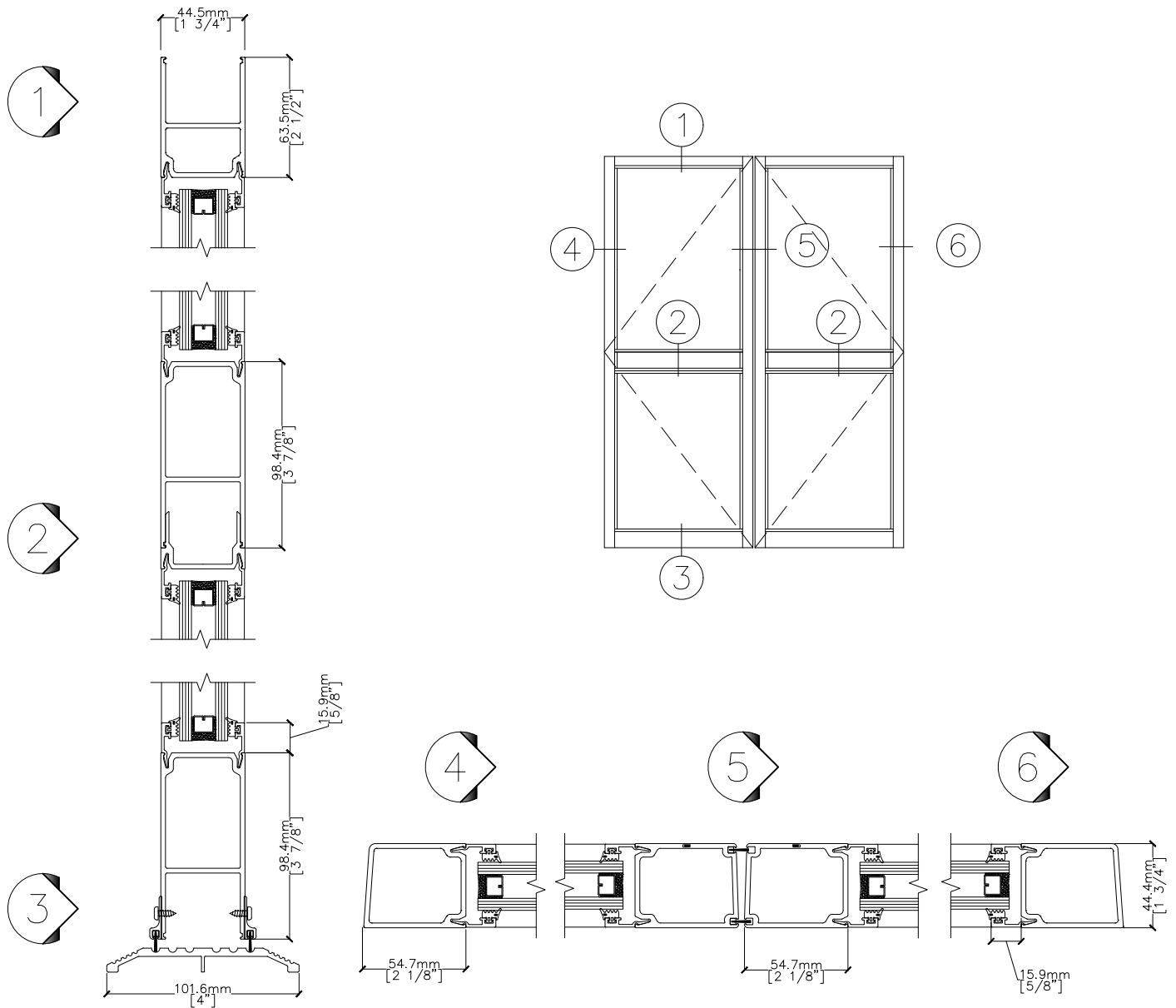
# 3100 STANDARD DOOR

3100.10.70.2  
 SERIES A406 PAIR DOOR DETAILS



# 3100 STANDARD DOOR

3100.10.70.3  
SERIES A244 PAIR DOOR DETAILS



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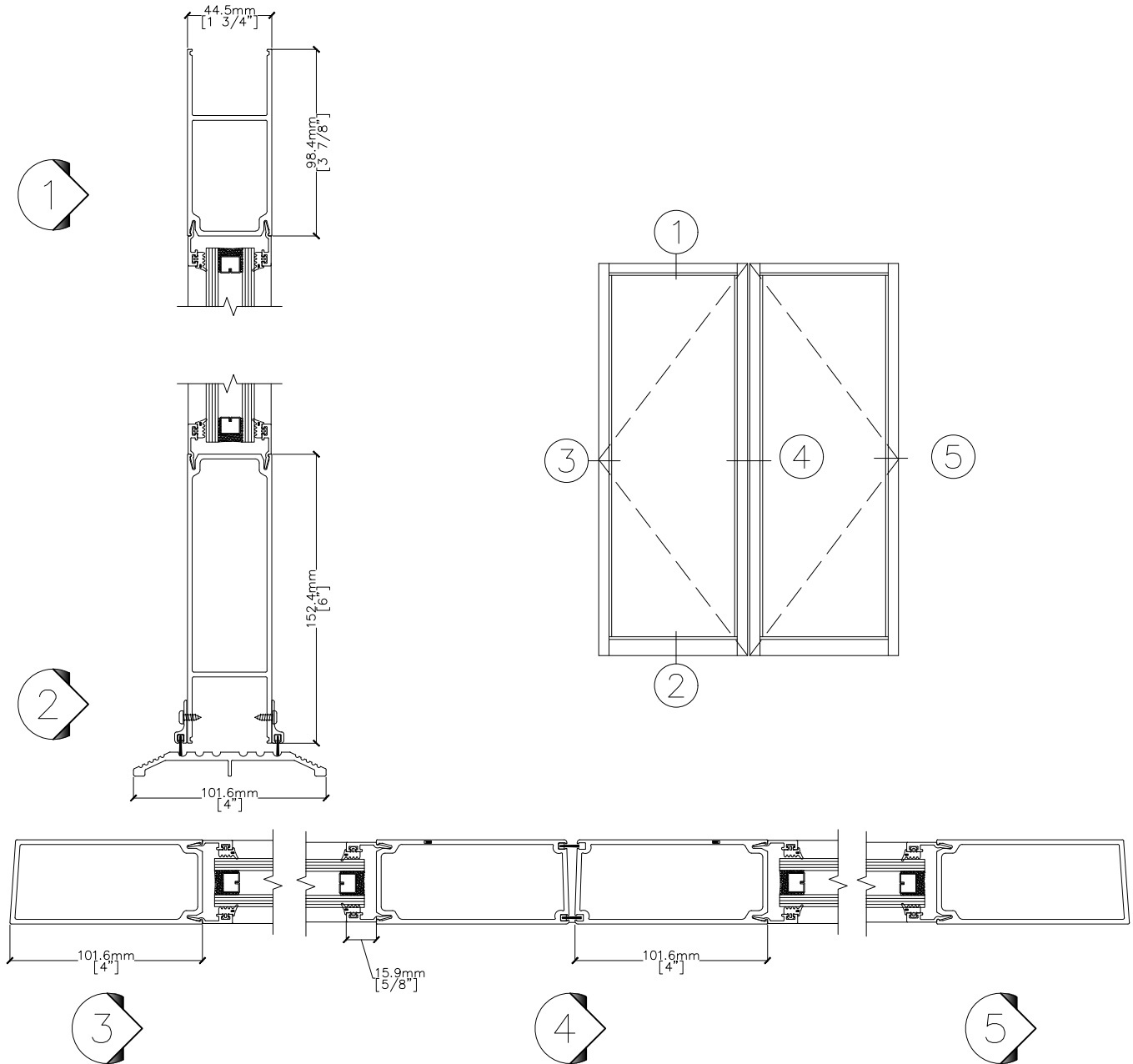
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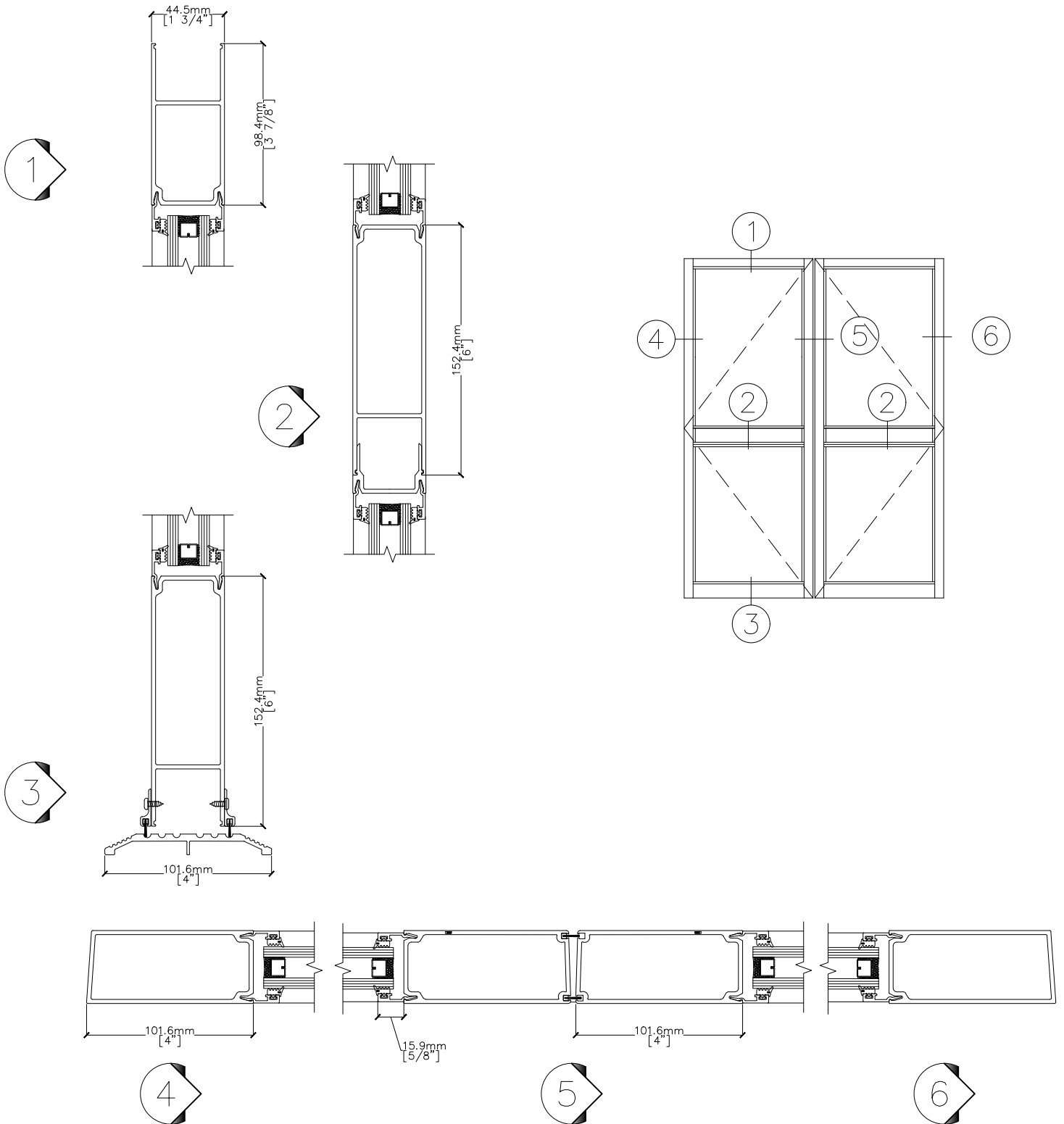
# 3100 STANDARD DOOR

3100.10.70.4  
SERIES B406 PAIR DOOR DETAILS



# 3100 STANDARD DOOR

3100.10.70.5  
SERIES B466 PAIR DOOR DETAILS



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