FG-451T Series

2” X 4-1/2” STOREFRONT
SCREW SPLINE - THERMAL

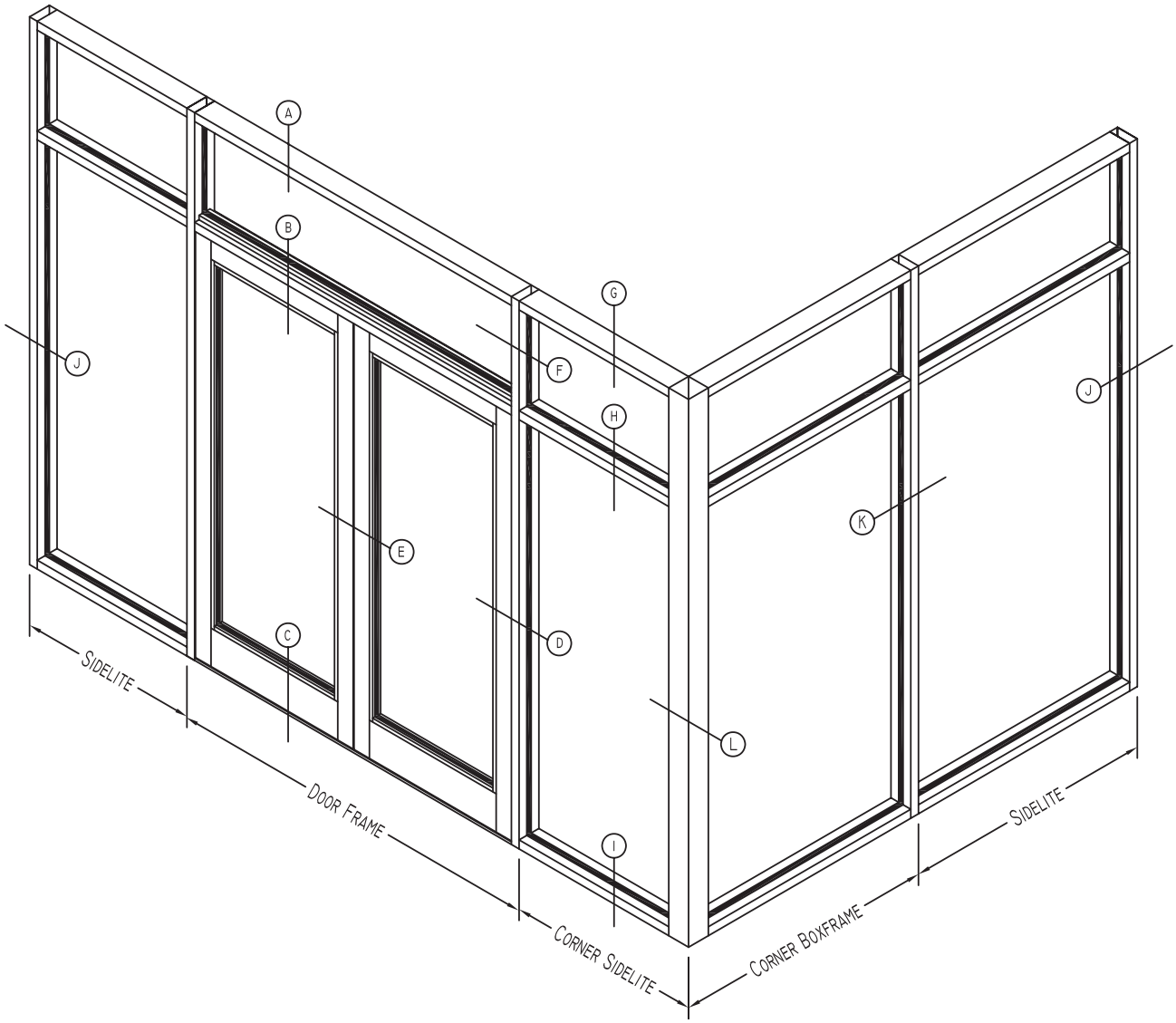
NORTHERN
ARCHITECTURAL SYSTEMS

NORTHERN
ARCHITECTURAL SYSTEMS

FG-451T Series

2” X 4-1/2” STOREFRONT
SCREW SPLINE - THERMAL

ELEVATION

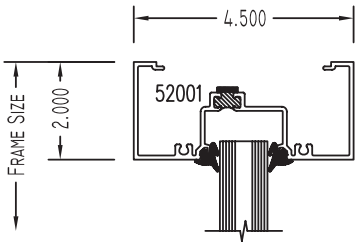


NORTHERN ARCHITECTURAL SYSTEMS

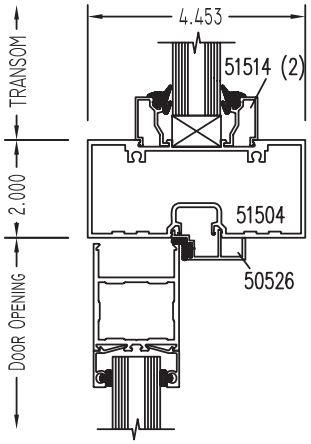
FG-451T Series

2" X 4-1/2" STOREFRONT SCREW SPLINE - THERMAL HORIZONTAL SECTIONS

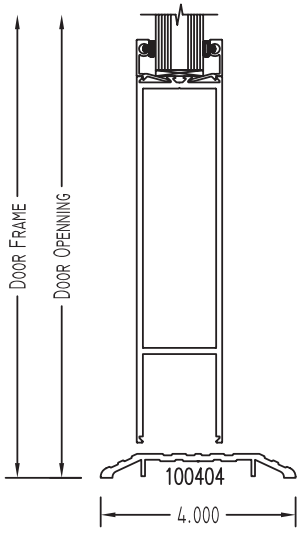
(A) Transom Head



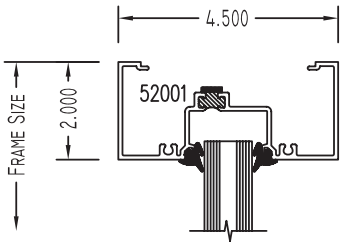
(B) Door Head & Transom



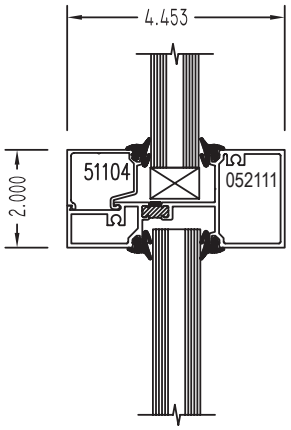
(C) Door Bottom



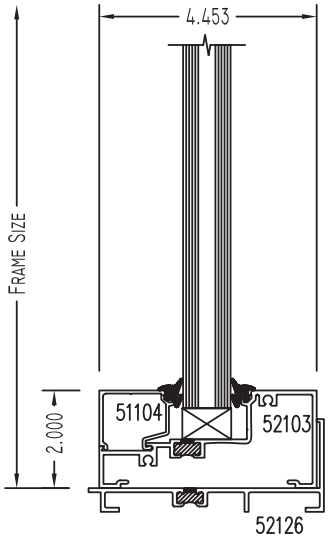
(G) Sidelite/Boxframe Head



(H) Intermediate Horizontal



(I) Sidelite/Boxframe Sill

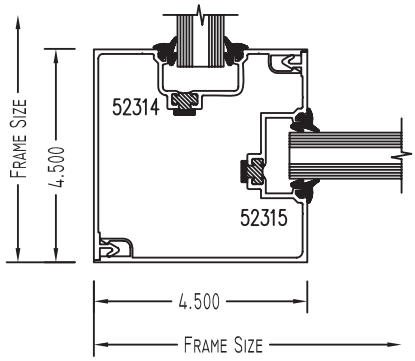


NORTHERN ARCHITECTURAL SYSTEMS

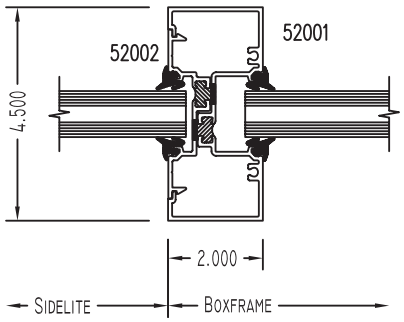
FG-451T Series

2" X 4-1/2" STOREFRONT SCREW SPLINE - THERMAL VERTICAL SECTIONS

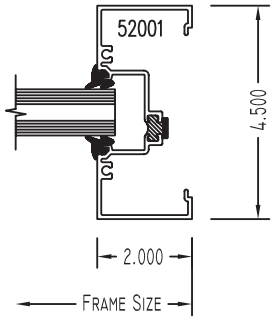
(L) SIDELITE/BOXFRAME 90° CORNER



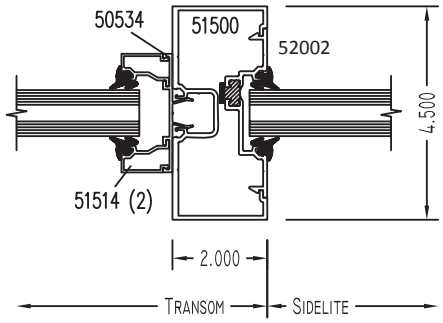
(K) INTERMEDIATE VERTICAL MULLION



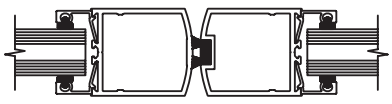
(J) SIDELITE/BOXFRAME JAMB



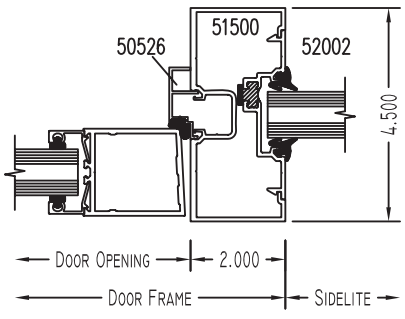
(F) MEETING SIDELITE & TRANSOM JAMB



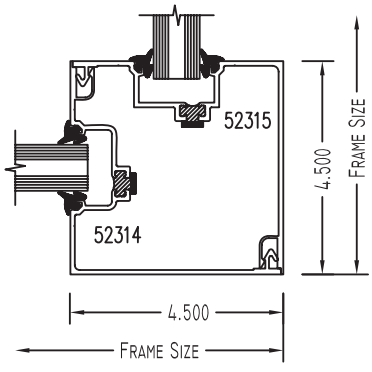
(E) MEETING DOOR STILES (PAIR)



(D) MEETING SIDELITE & DOOR JAMB



(L) SIDELITE/BOXFRAME 90° CORNER

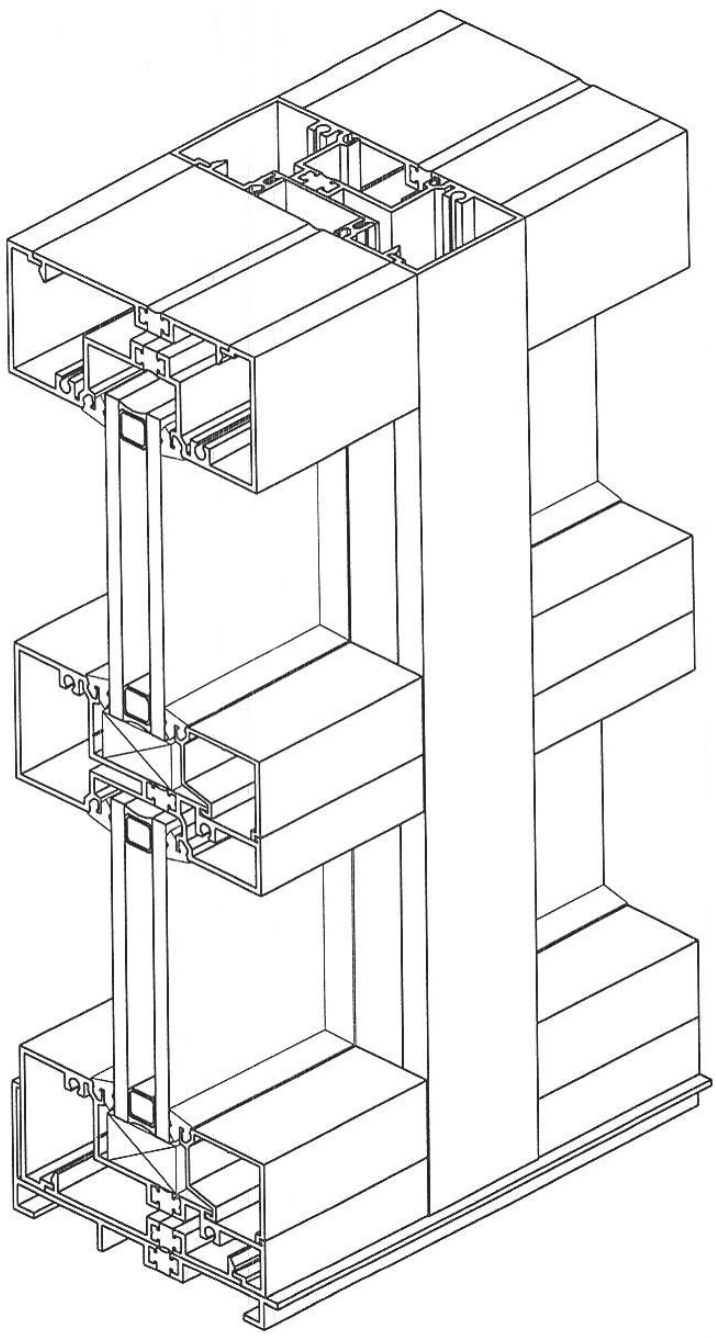


NORTHERN
ARCHITECTURAL SYSTEMS

FG-451T Series

2" X 4-1/2" STOREFRONT
SCREW SPLINE - THERMAL

ASSEMBLY DRAWING

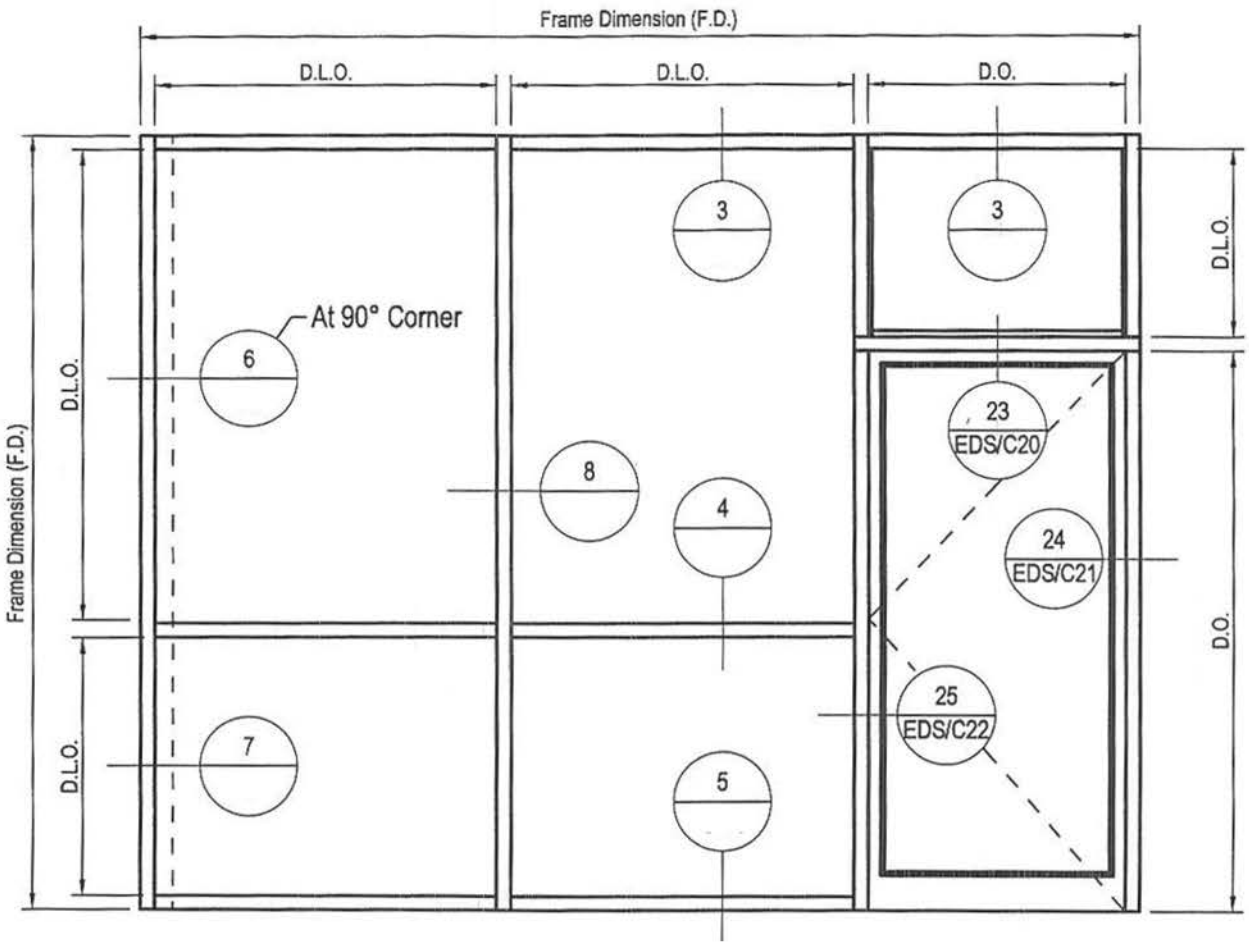


NORTHERN ARCHITECTURAL SYSTEMS

FG-451T Series

2" X 4-1/2" STOREFRONT SCREW SPLINE - THERMAL

ELEVATION

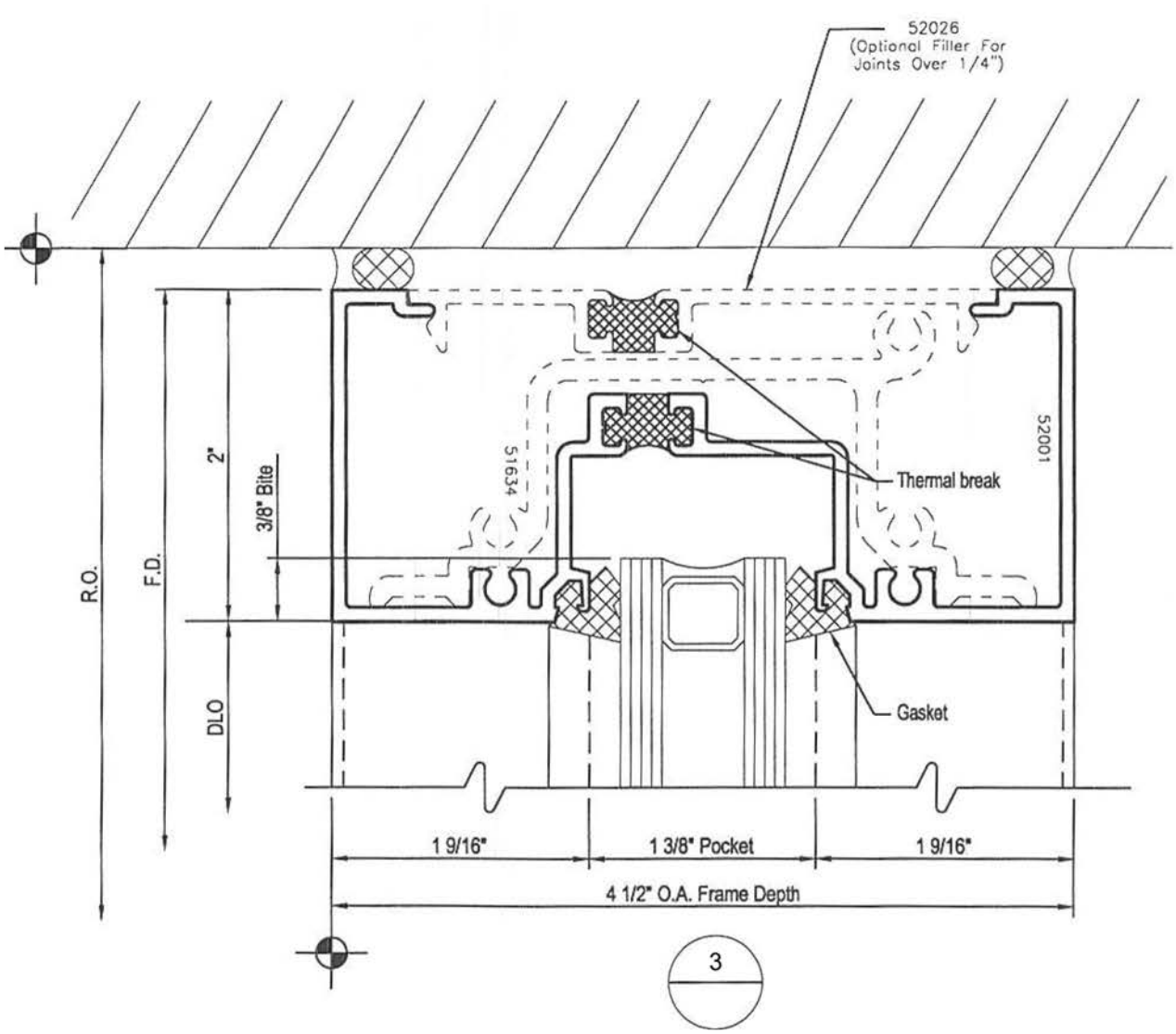


NORTHERN ARCHITECTURAL SYSTEMS

FG-451T Series

2" X 4-1/2" STOREFRONT SCREW SPLINE - THERMAL

TYPICAL HEAD DETAIL

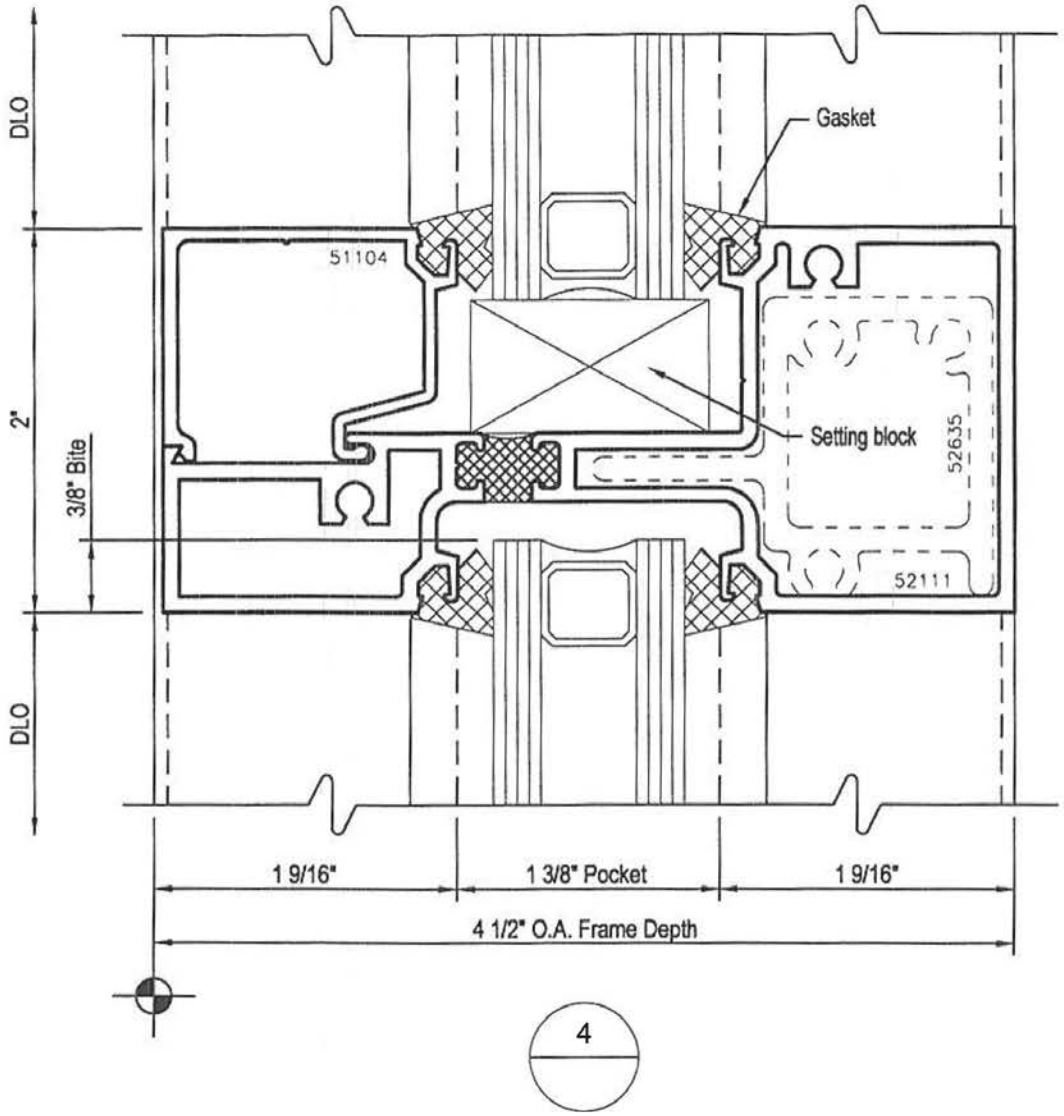


NORTHERN
ARCHITECTURAL SYSTEMS

FG-451T Series

2" X 4-1/2" STOREFRONT
SCREW SPLINE - THERMAL

INTERMEDIATE HORIZONTAL DETAIL

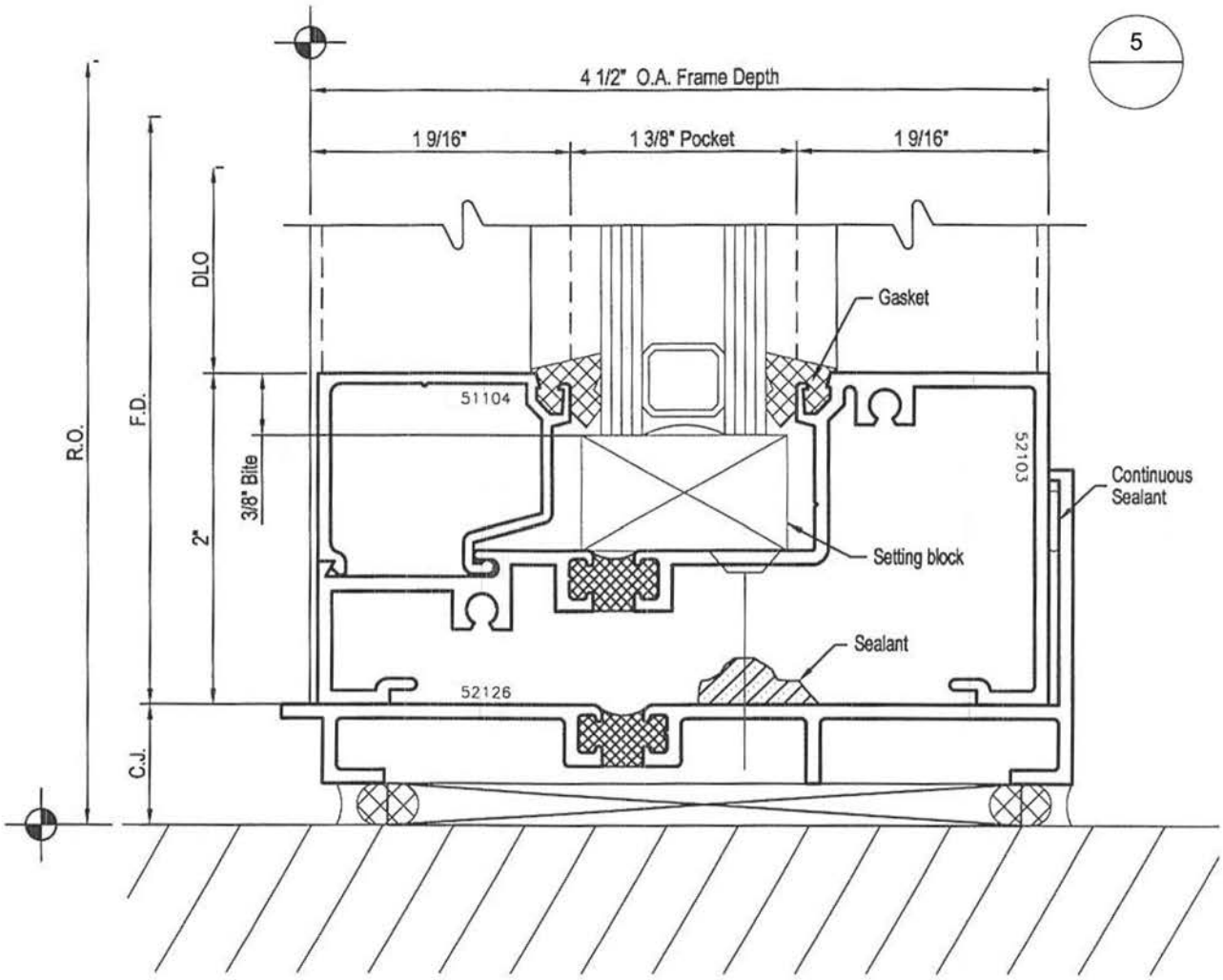


NORTHERN ARCHITECTURAL SYSTEMS

FG-451T Series

2" X 4-1/2" STOREFRONT
SCREW SPLINE - THERMAL

TYPICAL SILL DETAIL

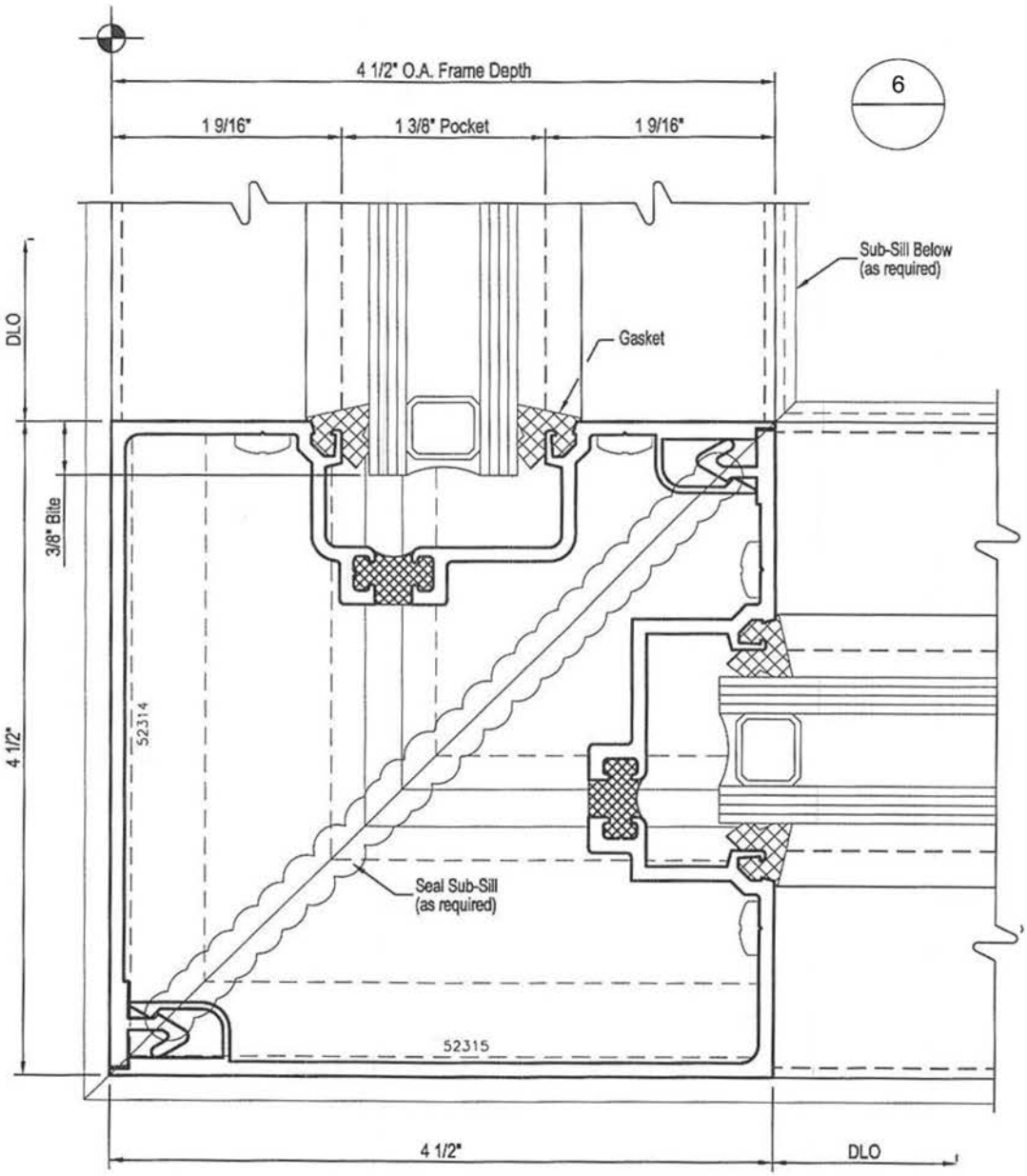


NORTHERN ARCHITECTURAL SYSTEMS

FG-451T Series

2" X 4-1/2" STOREFRONT SCREW SPLINE - THERMAL

90° CORNER DETAIL

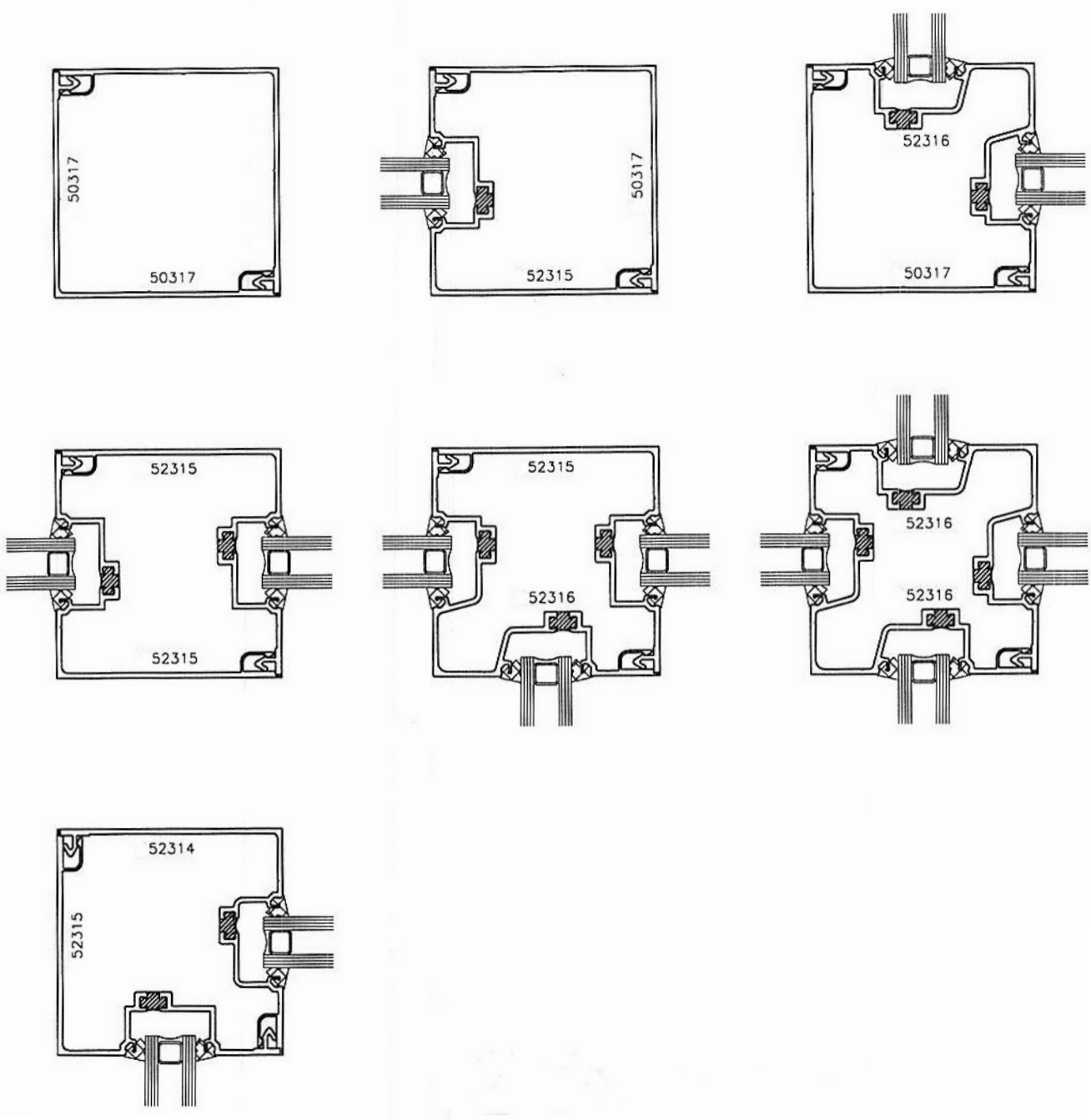


NORTHERN ARCHITECTURAL SYSTEMS

FG-451T Series

2” X 4-1/2” STOREFRONT SCREW SPLINE - THERMAL

OPTIONAL CORNER ASSEMBLIES

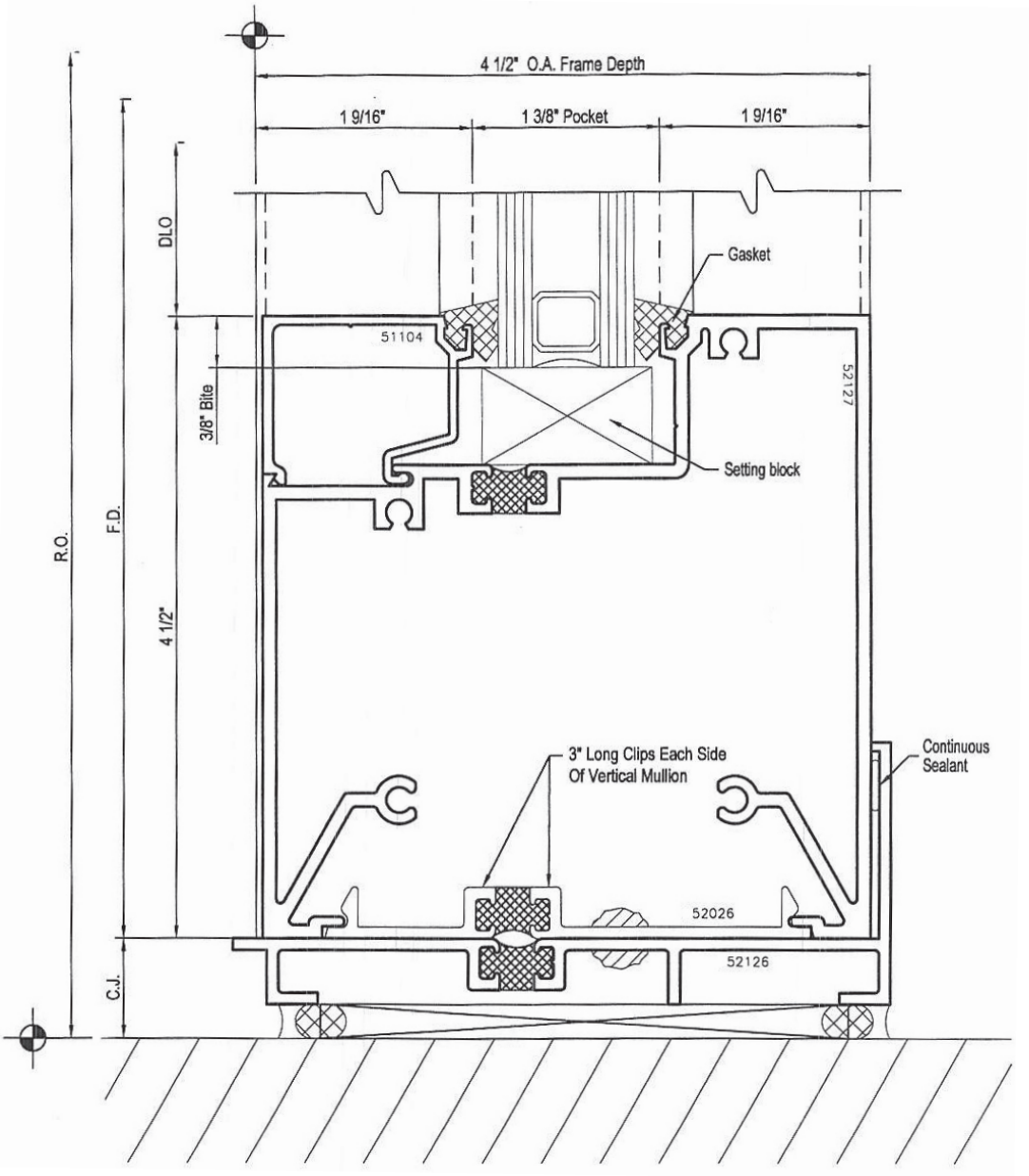


NORTHERN ARCHITECTURAL SYSTEMS

FG-451T Series

2" X 4-1/2" STOREFRONT
SCREW SPLINE - THERMAL

ALTERNATE SILL DETAIL

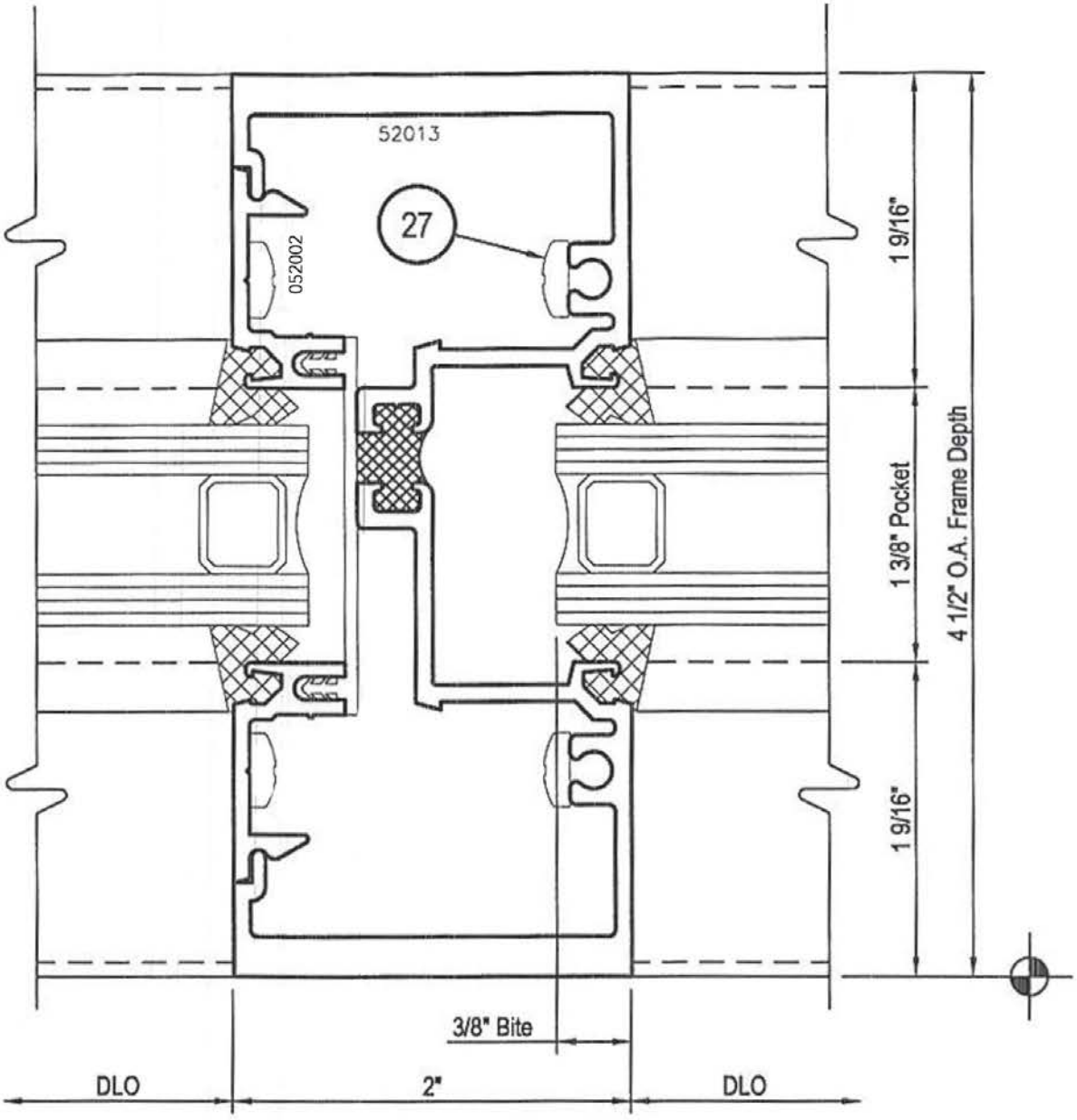


NORTHERN ARCHITECTURAL SYSTEMS

FG-451T Series

2" X 4-1/2" STOREFRONT SCREW SPLINE - THERMAL

ALTERNATE "HEAVY" HEAD/VERTICAL

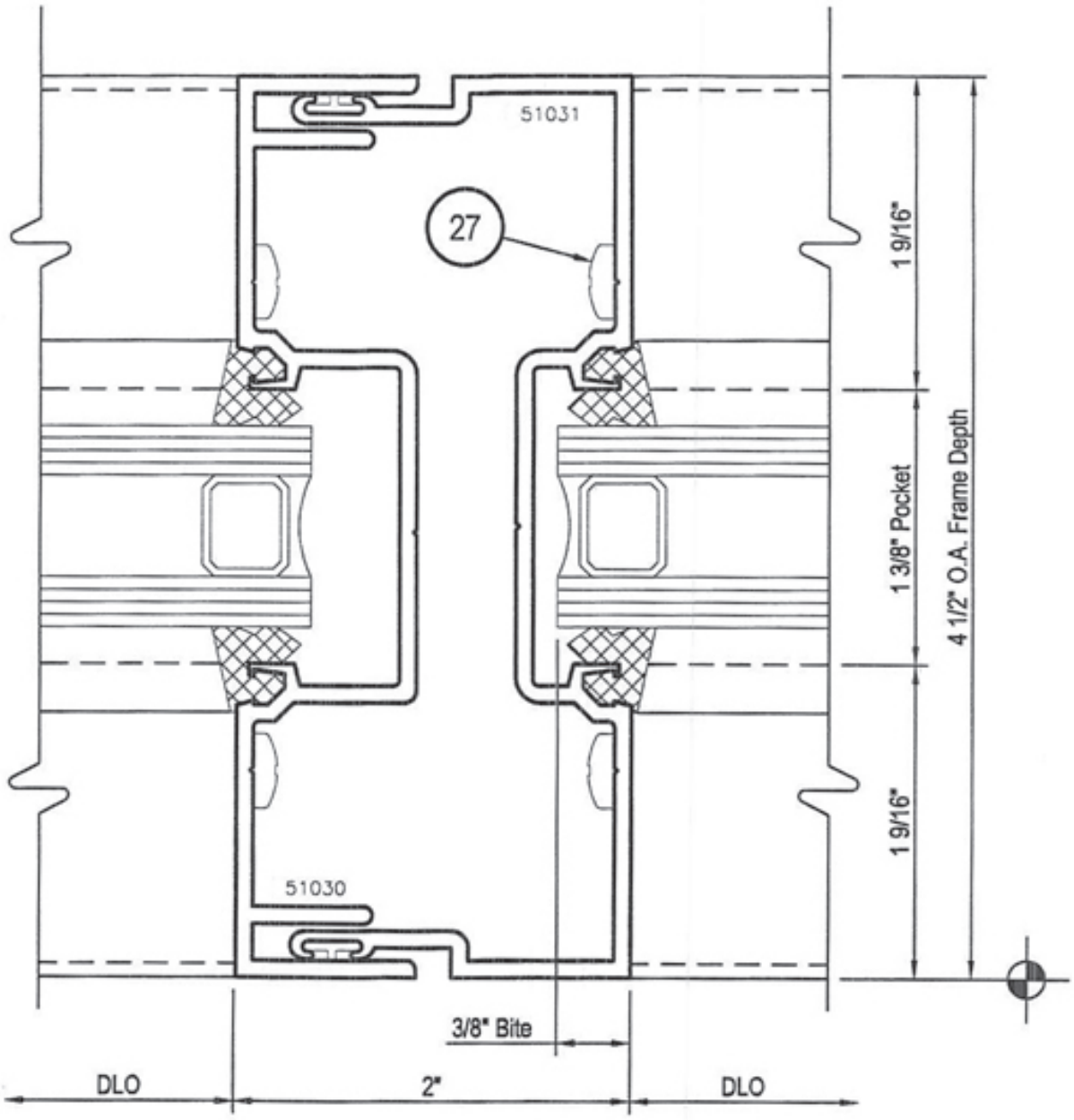


NORTHERN ARCHITECTURAL SYSTEMS

FG-451T Series

2" X 4-1/2" STOREFRONT
SCREW SPLINE - THERMAL

SPLIT MULLION DETAIL

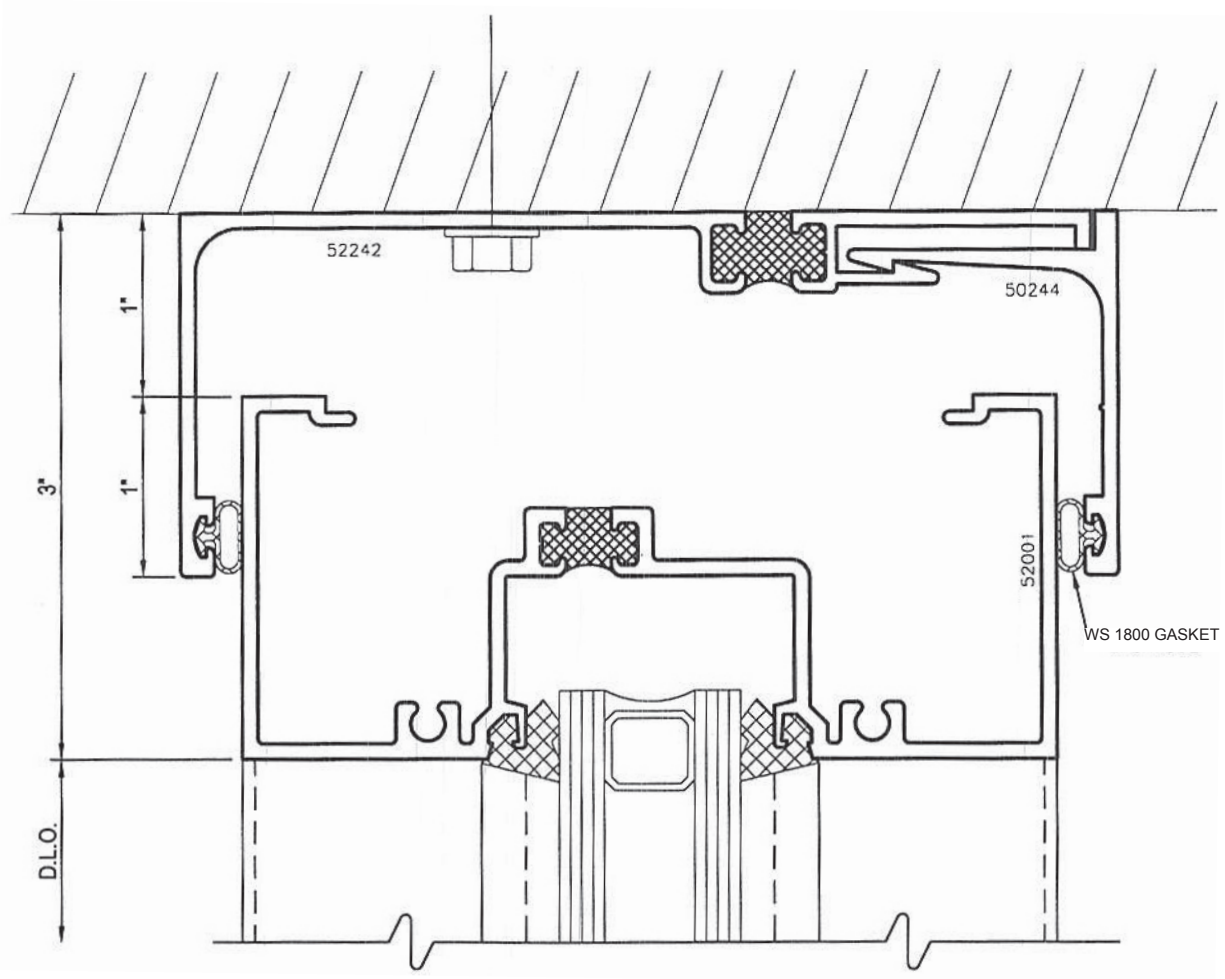


NORTHERN ARCHITECTURAL SYSTEMS

FG-451T Series

2" X 4-1/2" STOREFRONT
SCREW SPLINE - THERMAL

ALTERNATE HEAD/JAMB RECEPTOR DETAIL (HEAD DETAIL SHOWN)

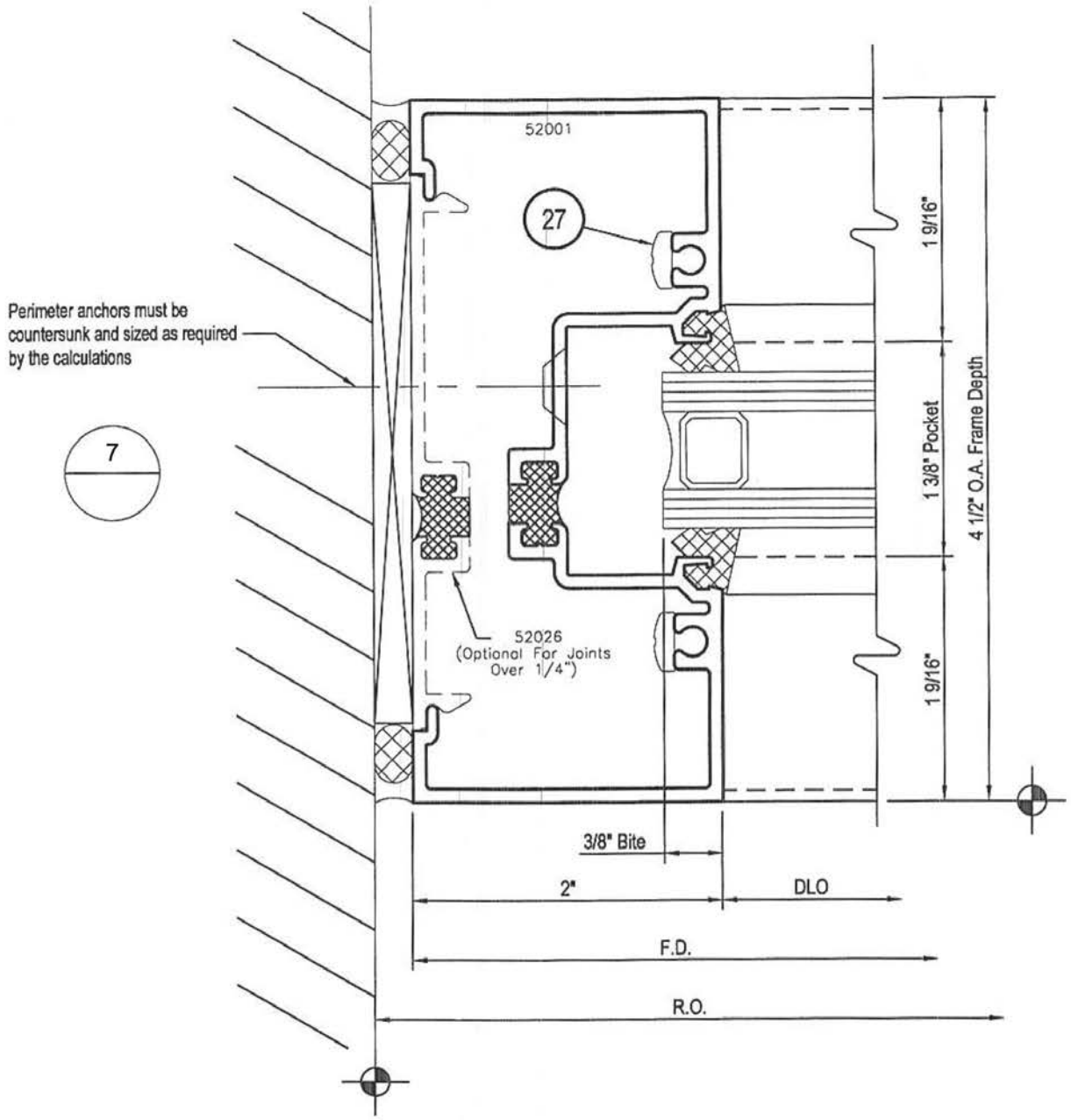


NORTHERN ARCHITECTURAL SYSTEMS

FG-451T Series

2" X 4-1/2" STOREFRONT SCREW SPLINE - THERMAL

TYPICAL JAMB DETAIL

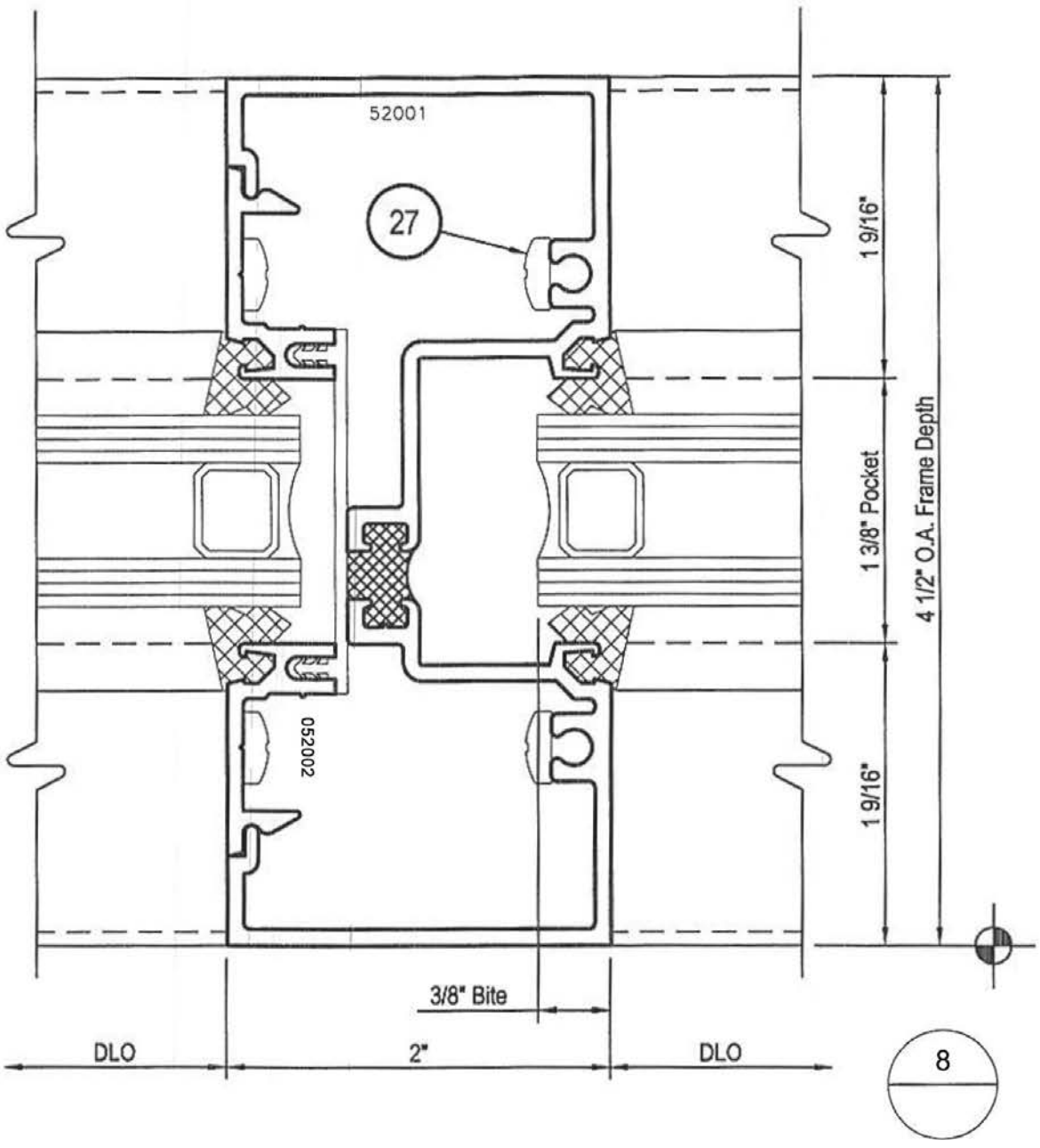


NORTHERN ARCHITECTURAL SYSTEMS

FG-451T Series

2" X 4-1/2" STOREFRONT
SCREW SPLINE - THERMAL

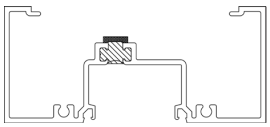
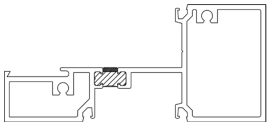
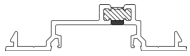
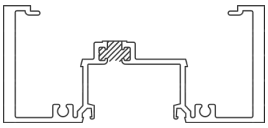
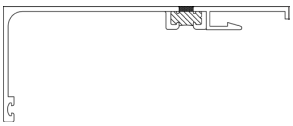
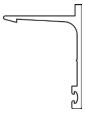
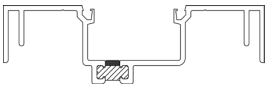
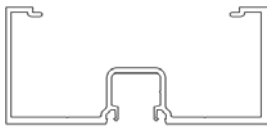
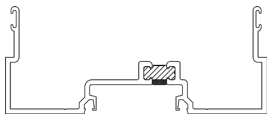
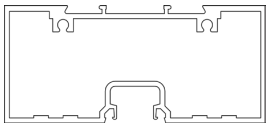
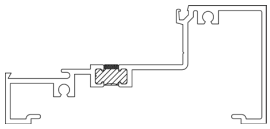
INTERMEDIATE VERTICAL DETAIL



NORTHERN ARCHITECTURAL SYSTEMS

FG-451T Part ID/Index

2” X 4-1/2” STOREFRONT SCREW SPLINE - THERMAL FLUSH GLAZE SYSTEM

Part Number	Description	Length	Part Number	Description	Length
52001 	Head/Vertical	24’ 2”	52111 	Horizontal Sill	24’ 2”
52002 	Mullion Adaptor	24’ 2”	52137	Sub Sill	24’ 2”
52013 	Heavy Head Vertical	24’ 2”	52242 	Head Receptor	24’ 2”
52026	Snap-In Plate	24’ 2”	50244 	Receptor Bead	24’ 2”
52030 	Expansion Mullion Female	24’ 2”	51500 	Open Back Door Jamb	22’2”
52031 	Expansion Mullion Male	24’ 2”	51504 	Single Action Door Head	24’ 2”
52103 	Horizontal Sill	24’ 2”	51514	1” Glass Stop at Transom	12’6”
51104	1” Glazing Bead	24’ 2”	50519	1/4” Glass Bead at Transom	12’6”

NORTHERN ARCHITECTURAL SYSTEMS

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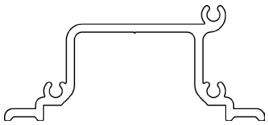
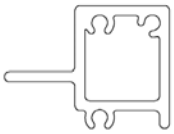
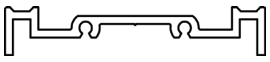
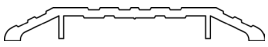
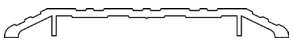
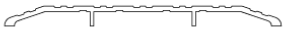
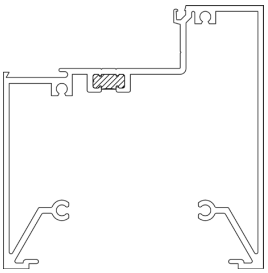
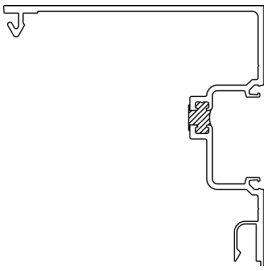
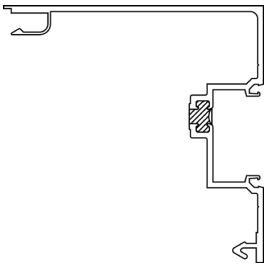
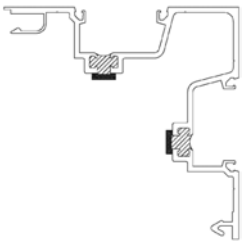
2" X 4-1/2" STOREFRONT SCREW SPLINE - THERMAL FLUSH GLAZE SYSTEM

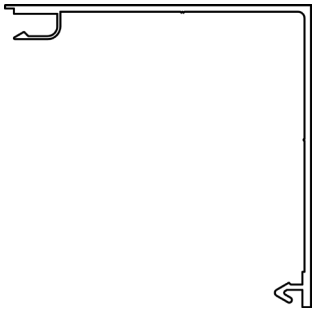
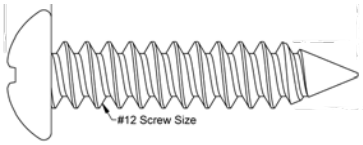
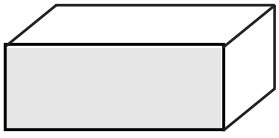
Part Number	Description	Length
50526	Door Stop for 1/4" Pocket	21' 4"
51634 	Head Shear Block Mill Finish	1.250"
52635 	Sill Shear Block Mill Finish	1.250"
50638 	Door Head Shear Block Mill Finish	1.50"
100404 	Threshold 4"	12' 4"
100502 	Threshold 5"	12' 4"
100700 	Threshold 7"	12' 6"

Part Number	Description	Length
52127 	High Sill	24' 2"
52314 	Single Pocket Corner Female	24' 2"
52315 	Single Pocket Corner Male	24' 2"
52316 	Single Pocket Corner	24' 2"

NORTHERN ARCHITECTURAL SYSTEMS

FG-451T Part ID/Index

2” X 4-1/2” STOREFRONT SCREW SPLINE - THERMAL FLUSH GLAZE SYSTEM

Part Number	Description	Length
50317 	Corner Mullion No Pocket	24’ 2”
WS2500	Glazing Gasket	500 FT
SK-050 	Assembly Screw	#12x1”
SB-451 	Setting Block	5/8” x 1 1/8” x 4”