

U.S. ALUMINUM WINDOW WALL BG SYSTEMS

SERIES BG520

WINDOW WALL BG520 SYSTEMS SPECIFICATIONS

TECHNICAL DATA:

BG520 Systems are ideal for a low to mid-rise structural silicone glazed fixed horizontal ribbon window. These systems were designed for three types of configuration: two-sided structural silicone support; captured glazing; a combination of these two configurations.

Designed for stacking installation, these systems may be glazed from the interior or exterior.

Dual or two-tone colors can be achieved by specifying different finishes for the optional exterior face covers and interior mullions.

SPECIAL FEATURES:

- * The sill channel provides a continuous gutter for exterior weepage through elongated baffled weep holes. Injection Molded End Dams are provided for sealing the gutter ends. Back portion of the channel remains dry where sill is anchored to the structure.
- * A uniquely designed Injection Molded Water Deflector is used for weeping infiltrated water to the exterior at the intersection of the intermediate horizontal and vertical mullions. The Contoured Water Deflector allows for an uninterrupted gasket seal at the intersection of intermediate horizontal and vertical mullions.
- * Reusable Twist-in Temporary Glass Retainers hold the glass in place during the structural silicone curing period. The plastic retainer is designed to work for both 1" (25) and 1/4" (6) infills.

SERIES	FACE WIDTH	DEPTH	GLAZING INFILLS	GLAZING METHOD
BG520	2-1/4" (57.2)	5-1/4" (133.4)	1/4" (6)	Exterior / Interior

STANDARD ABBREVIATIONS

- RO ROUGH OPENING
- FD FRAME DIMENSION
- DLO DAYLIGHT OPENING
- DO DOOR OPENING
- DD DOOR DIMENSION
- SMC SURFACE MOUNTED CLOSER
- OHCC OVERHEAD CONCEALED CLOSER

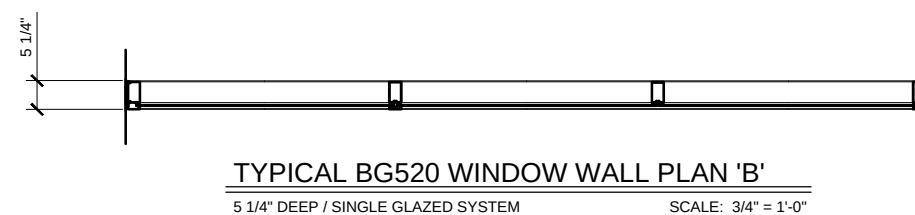
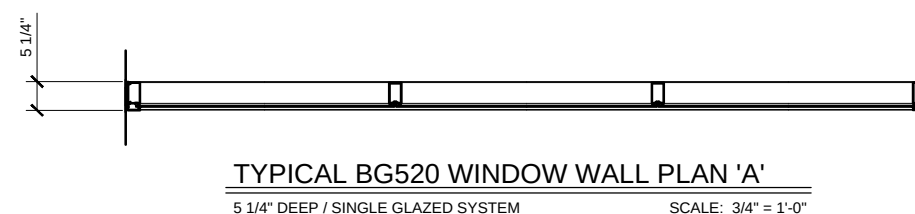
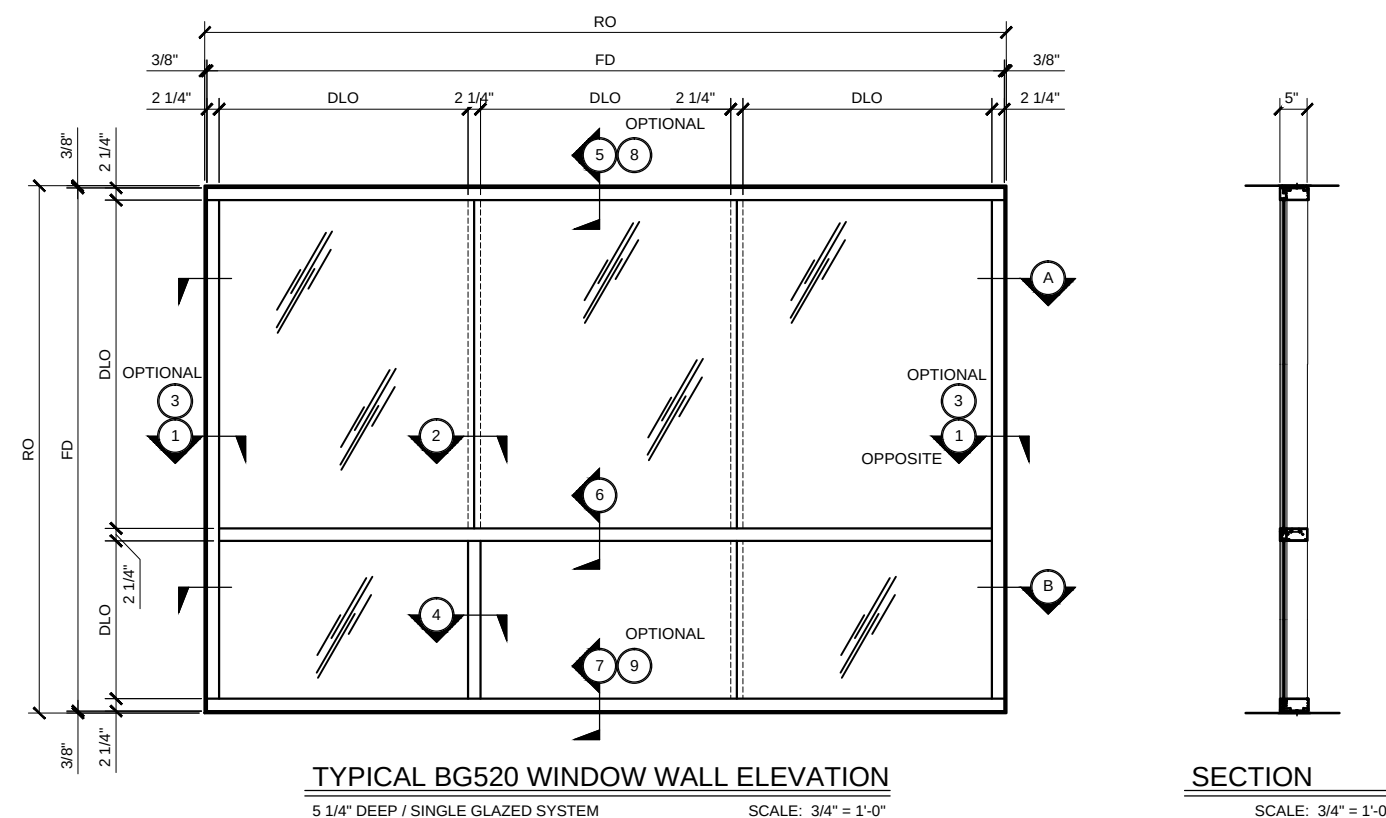
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U.S. ALUMINUM WINDOW WALL SERIES BG520 SYSTEM

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STANDARD ABBREVIATIONS	
RO	ROUGH OPENING
FD	FRAME DIMENSION
DLO	DAYLIGHT OPENING
DO	DOOR OPENING
DD	DOOR DIMENSION
SMC	SURFACE MOUNTED CLOSER
OHCC	OVERHEAD CONCEALED CLOSER

WINDOW WALL SERIES BG520 TYPICAL ELEVATIONS

5 1/4" DEEP SYSTEM

Discription:

U.S. ALUMINUM
WINDOW WALL - BG
SERIES BG520
SYSTEM DRAWINGS

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U.S. ALUMINUM WINDOW WALL SERIES BG520 SYSTEM

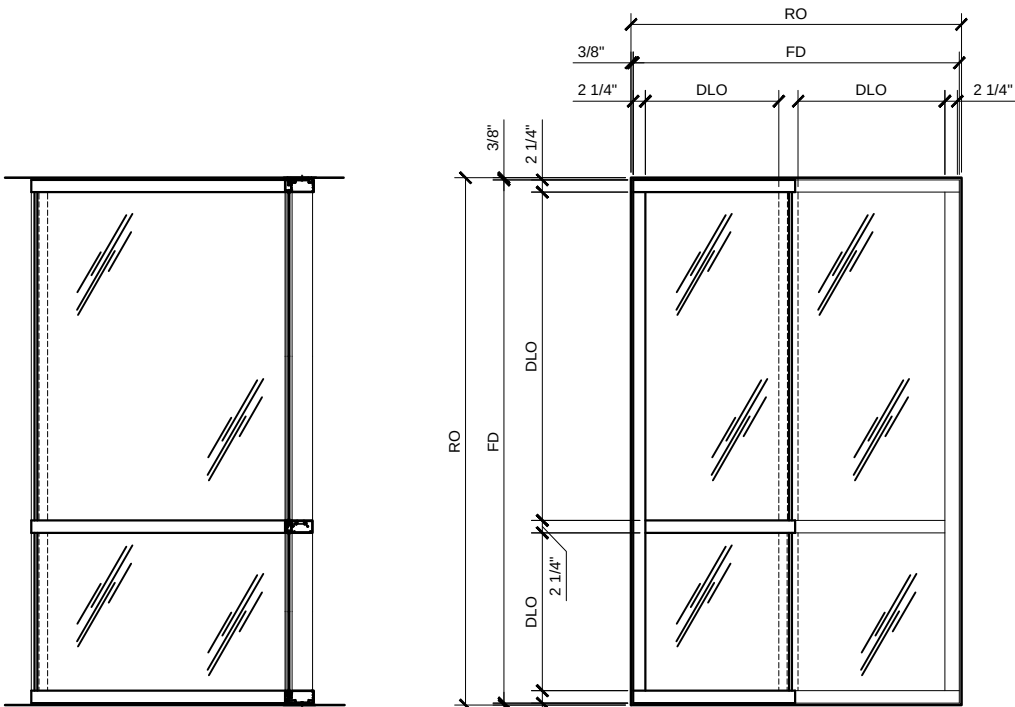
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2503 E. Vernon Avenue, Los Angeles, CA 90058-1897
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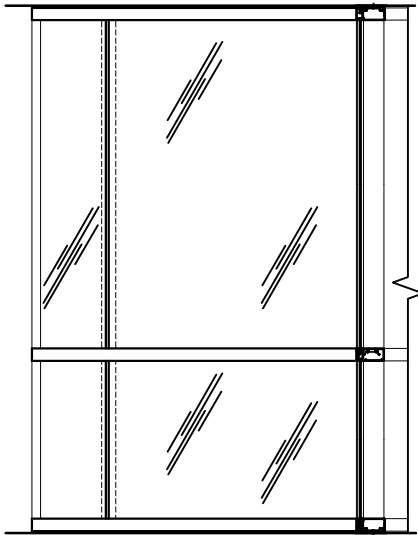
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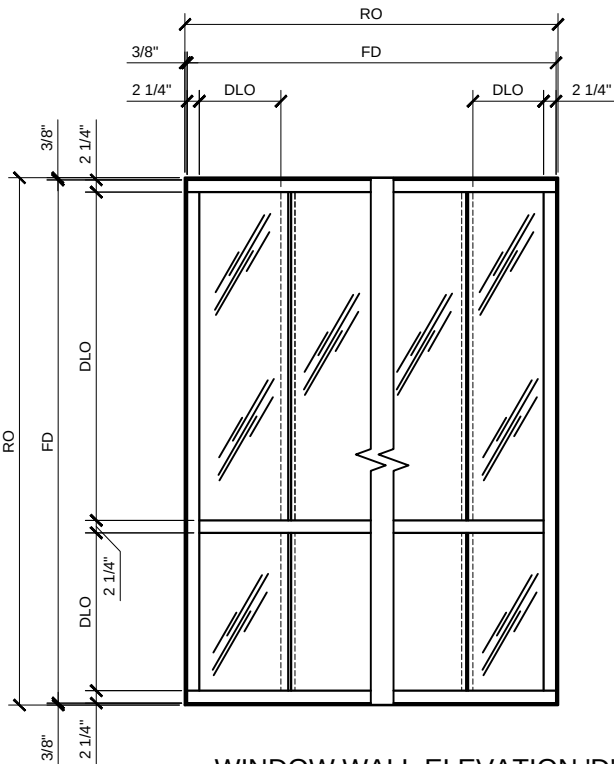


WINDOW WALL ELEVATION 'A'
SCALE: 3/4" = 1'-0"

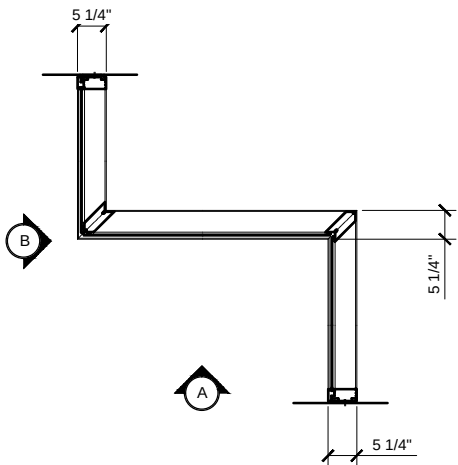
WINDOW WALL ELEVATION 'B'
SCALE: 3/4" = 1'-0"



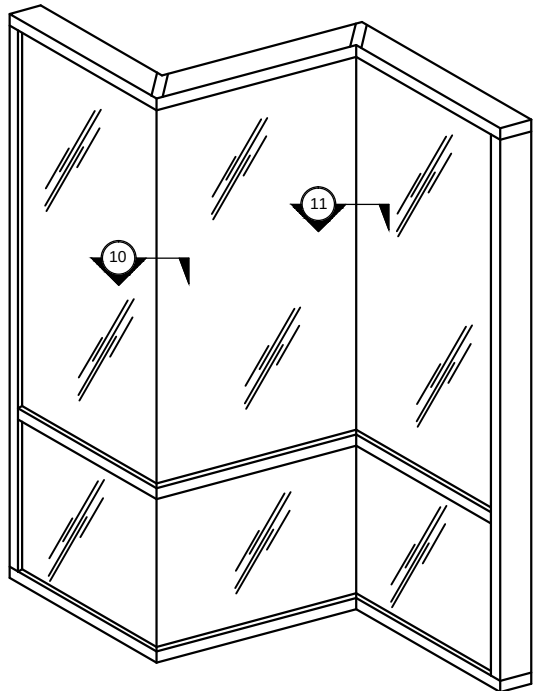
WINDOW WALL ELEVATION 'C'
SCALE: 3/4" = 1'-0"



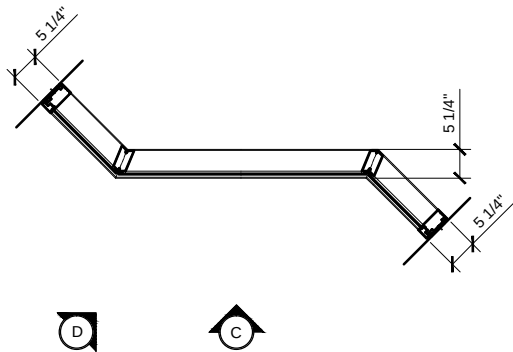
WINDOW WALL ELEVATION 'D'
SCALE: 3/4" = 1'-0"



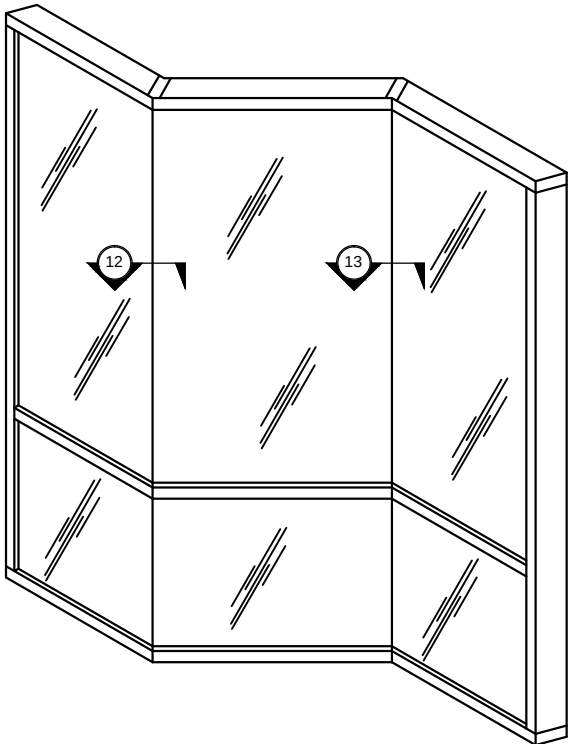
TYPICAL BG520 WINDOW WALL PLAN
5 1/4" DEEP / SINGLE GLAZED SYSTEM
90° CORNER CONDITIONS
SCALE: 3/4" = 1'-0"



BG520 90 DEGREE CORNER ELEVATION
5 1/4" DEEP / SINGLE GLAZED SYSTEM
SCALE: 3/4" = 1'-0"



TYPICAL BG520 WINDOW WALL PLAN
5 1/4" DEEP / SINGLE GLAZED SYSTEM
135° CORNER CONDITIONS
SCALE: 3/4" = 1'-0"



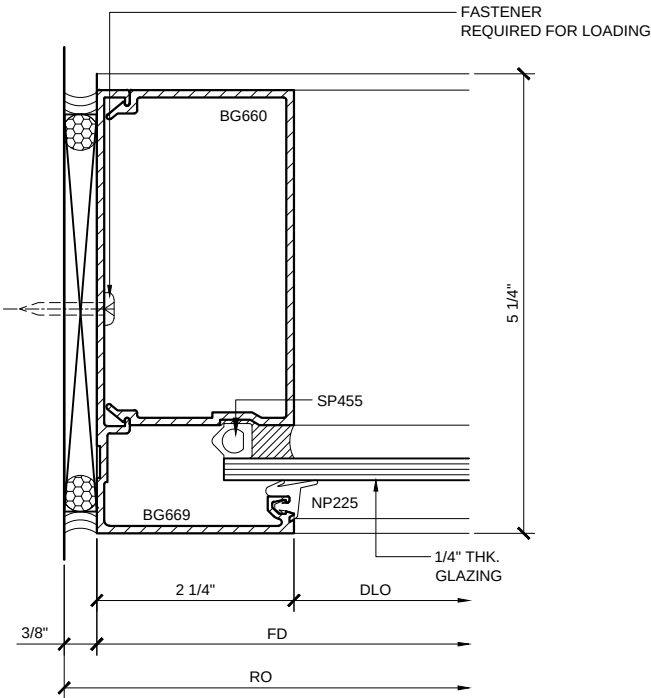
BG520 135 DEGREE CORNER ELEVATION
5 1/4" DEEP / SINGLE GLAZED SYSTEM
SCALE: 3/4" = 1'-0"

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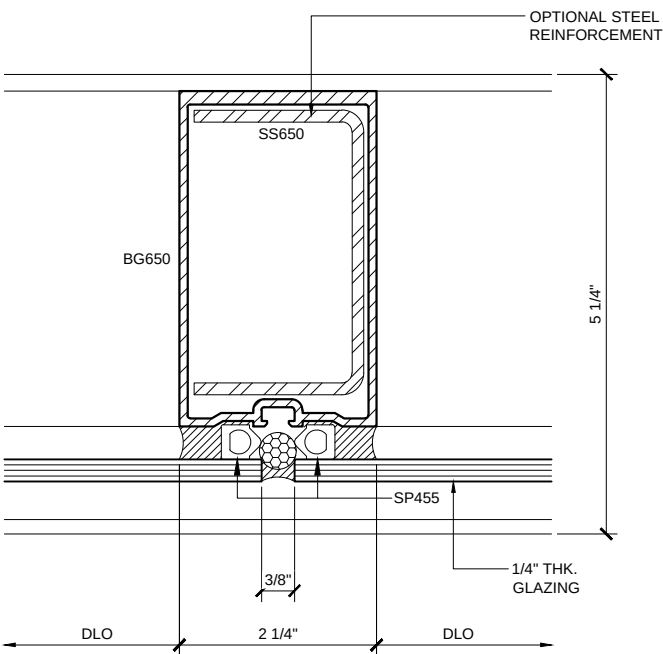
WINDOW WALL SERIES BG520 TYPICAL ELEVATIONS

5 1/4" DEEP SYSTEM

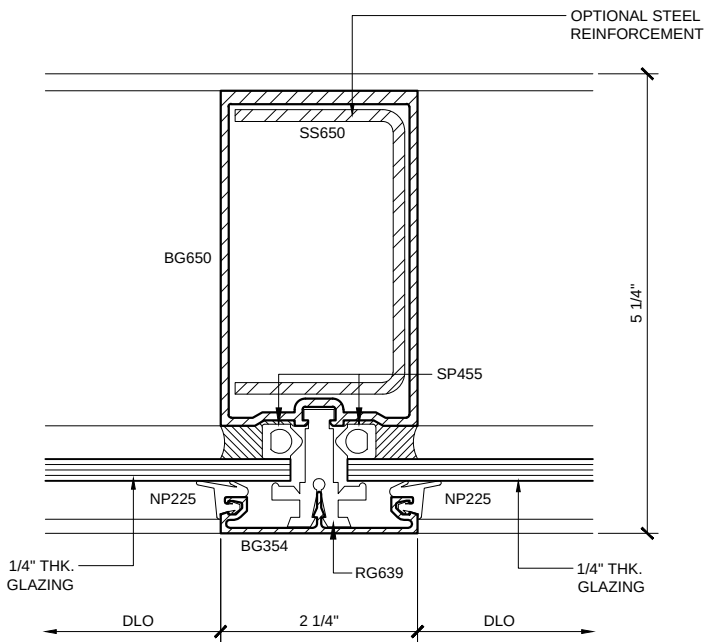
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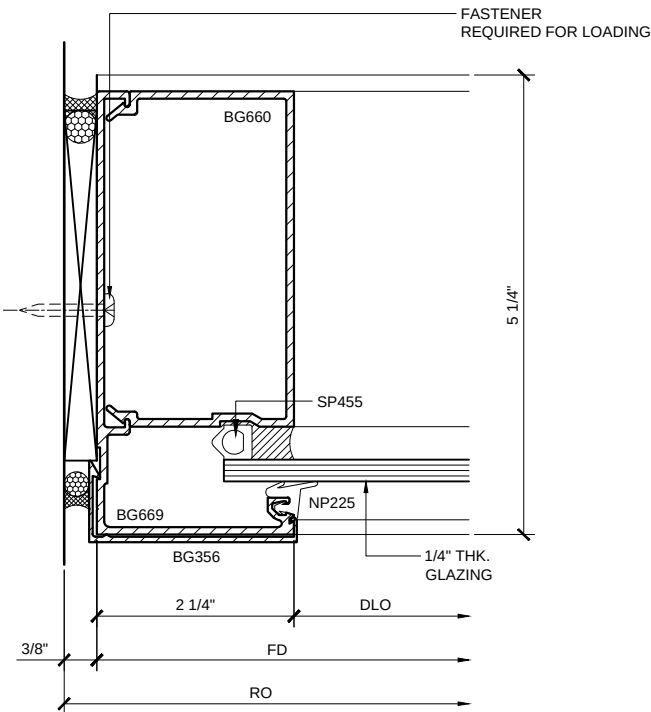
JAMB PLAN 1
BG520 SINGLE GLAZED 1'-0"=1'-0"



INTERMEDIATE VERTICAL 2
BG520 SINGLE GLAZED 1'-0"=1'-0"



INTERMEDIATE VERTICAL 4
BG520 SINGLE GLAZED 1'-0"=1'-0"



JAMB PLAN w/ OPTIONAL FACE CAP 3
BG520 SINGLE GLAZED 1'-0"=1'-0"

WINDOW WALL SERIES BG520 - 5 1/4" DEEP SYSTEM DETAILS

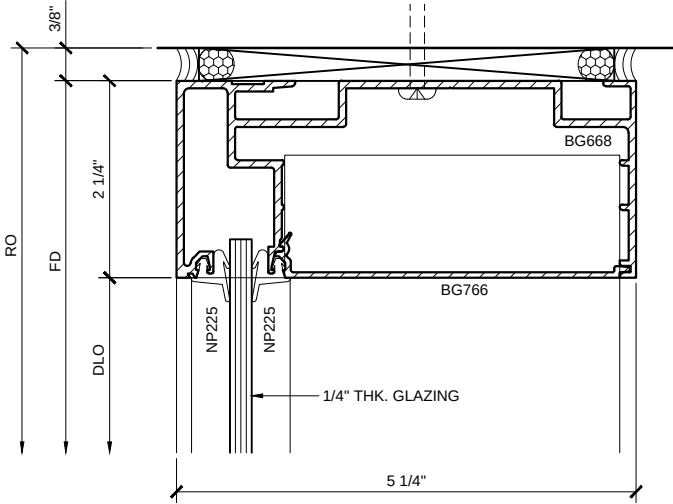
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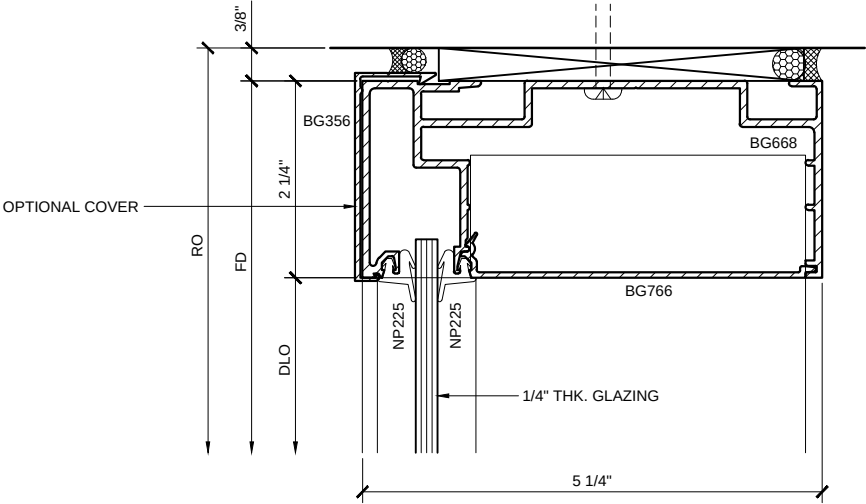
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SERIES BG520
SYSTEM DRAWINGS

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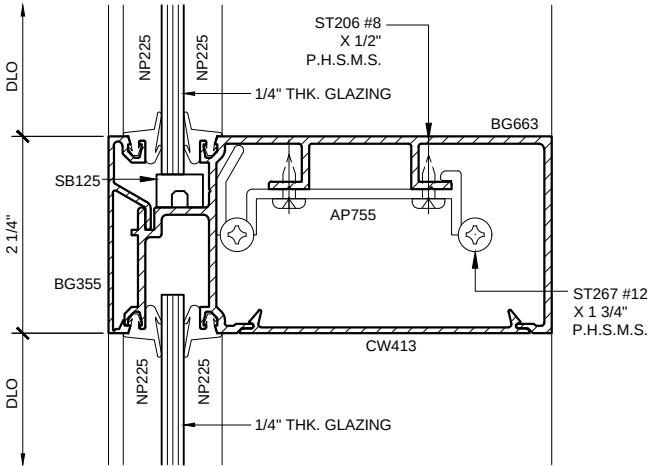
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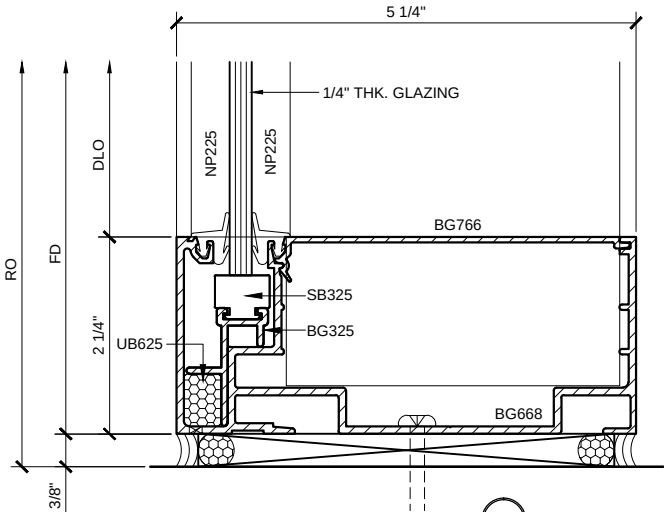
HEAD DETAIL 5
BG520 SINGLE GLAZED 1'-0"=1'-0"



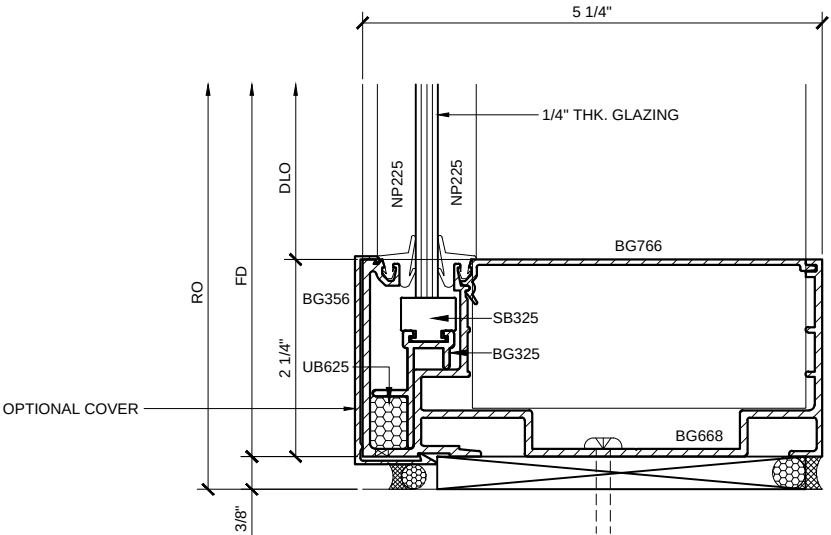
HEAD DETAIL w/ OPTIONAL FACE CAP 8
BG520 SINGLE GLAZED 1'-0"=1'-0"



INTERMEDIATE HOR. DETAIL 6
BG520 SINGLE GLAZED 1'-0"=1'-0"



SILL DETAIL 7
BG520 SINGLE GLAZED 1'-0"=1'-0"



SILL DETAIL w/ OPTIONAL FACE CAP 9
BG520 SINGLE GLAZED 1'-0"=1'-0"

WINDOW WALL SERIES BG520 - 5 1/4" DEEP SYSTEM DETAILS

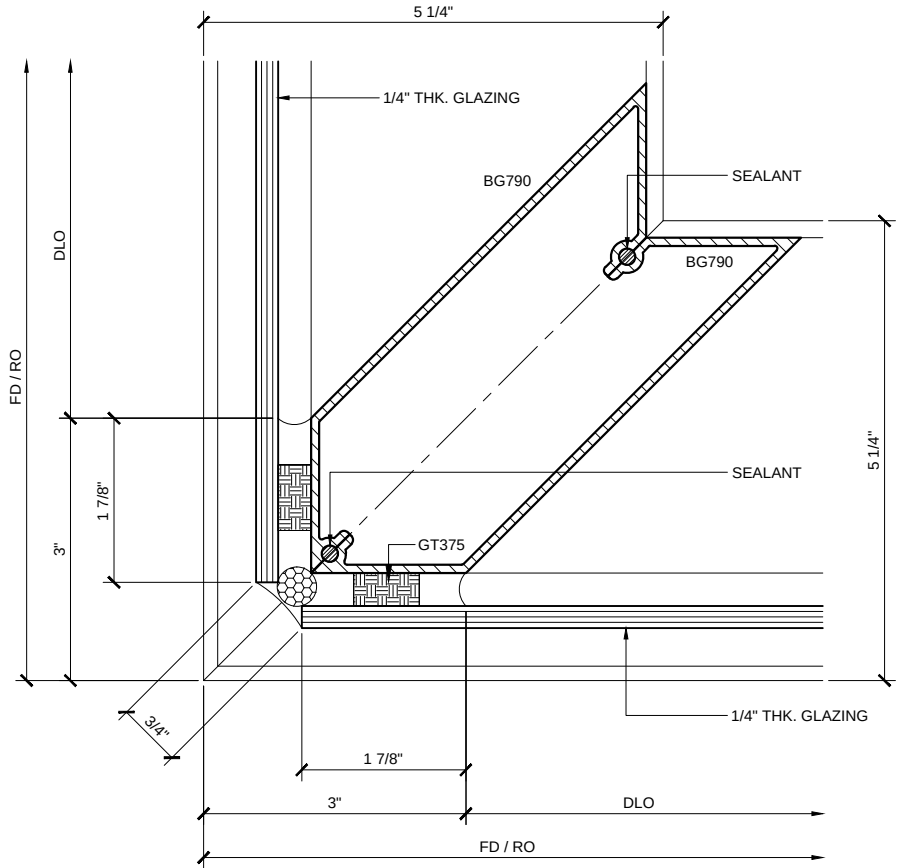
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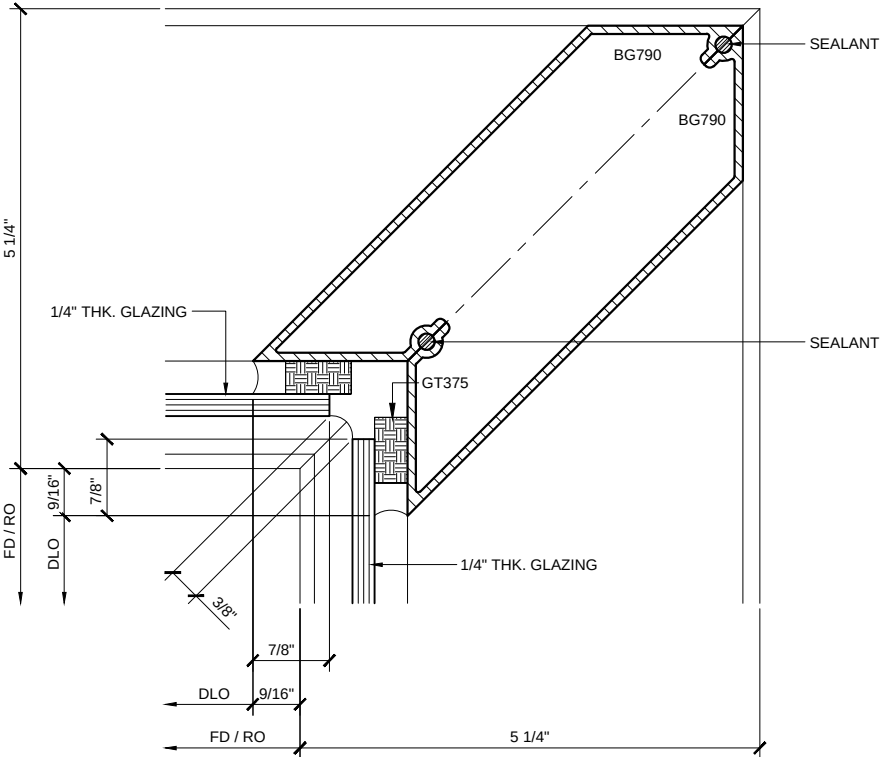
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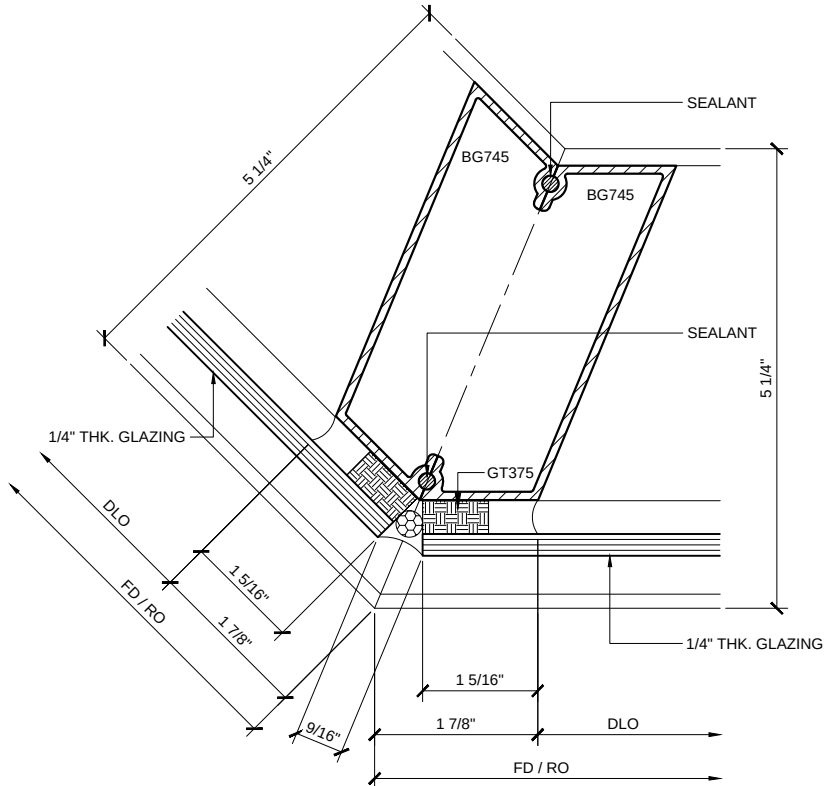
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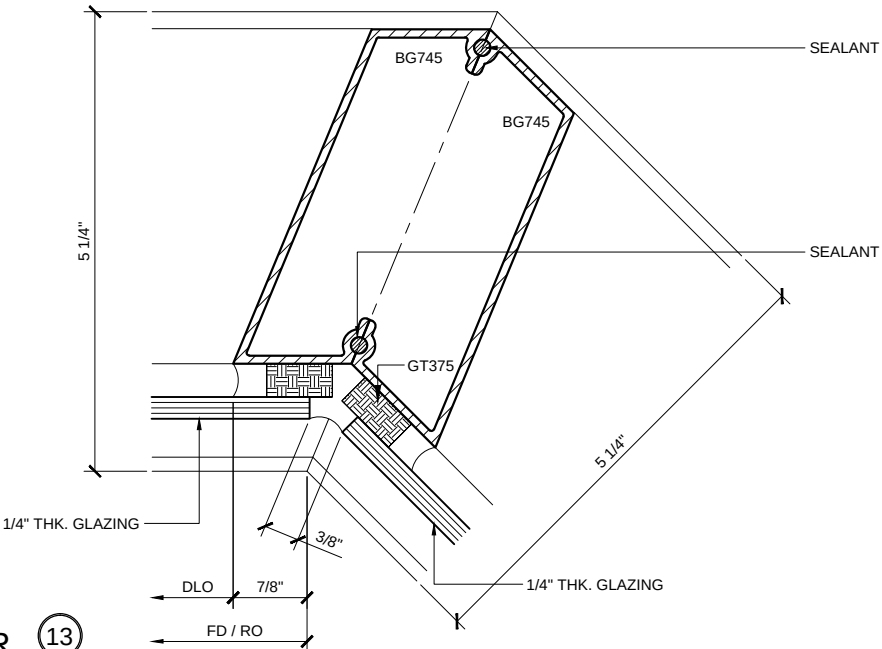
90° OUTSIDE CORNER (10)
BG520 SINGLE GLAZED 1'-0"=1'-0"



90° INSIDE CORNER (11)
BG520 SINGLE GLAZED 1'-0"=1'-0"



135° OUTSIDE CORNER (12)
BG520 SINGLE GLAZED 1'-0"=1'-0"



135° INSIDE CORNER (13)
BG520 SINGLE GLAZED 1'-0"=1'-0"

WINDOW WALL SERIES BG520 - 5 1/4" DEEP SYSTEM DETAILS

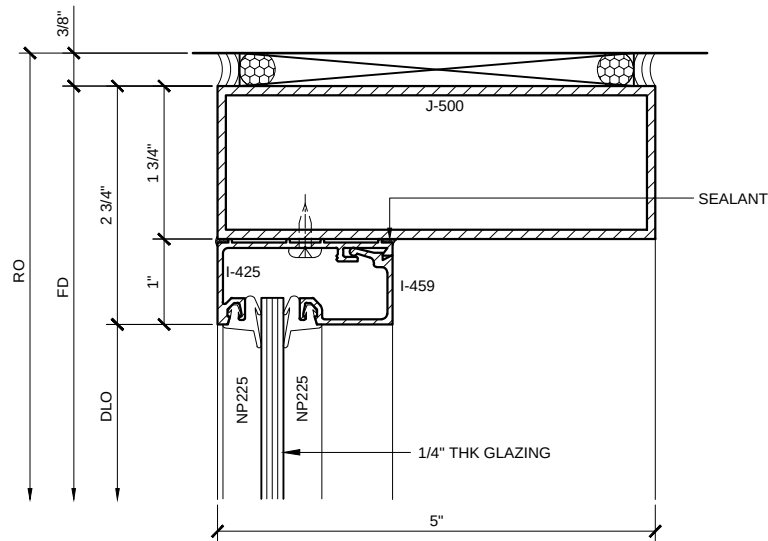
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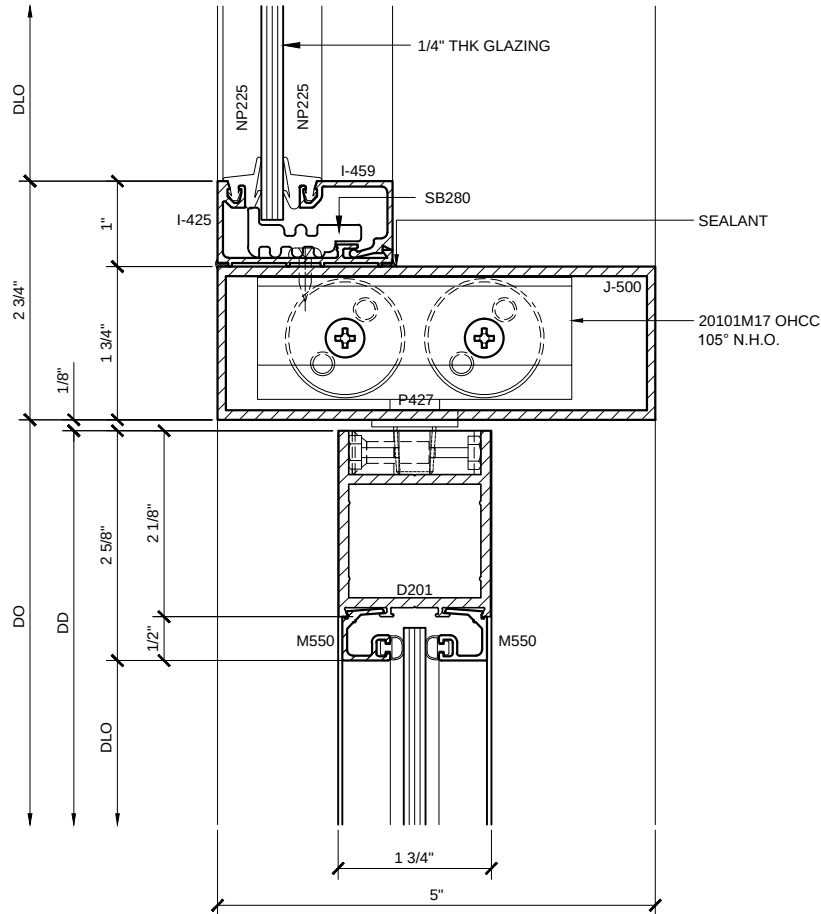
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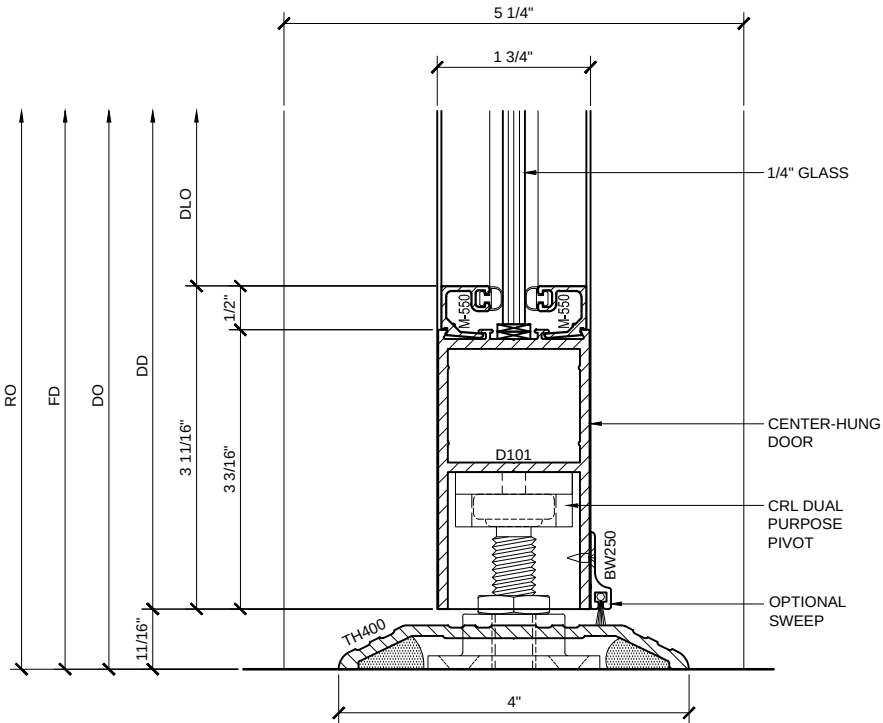
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TRANSOM HEAD DETAIL 18
BG520 SINGLE GLAZED 1'-0"=1'-0"



DOOR HEAD DETAIL 19
BG520 SINGLE GLAZED CENTER-HUNG DOOR 1'-0"=1'-0"



DOOR SILL DETAIL 76
BG520 SINGLE GLAZED CENTER-HUNG DOOR 1'-0"=1'-0"

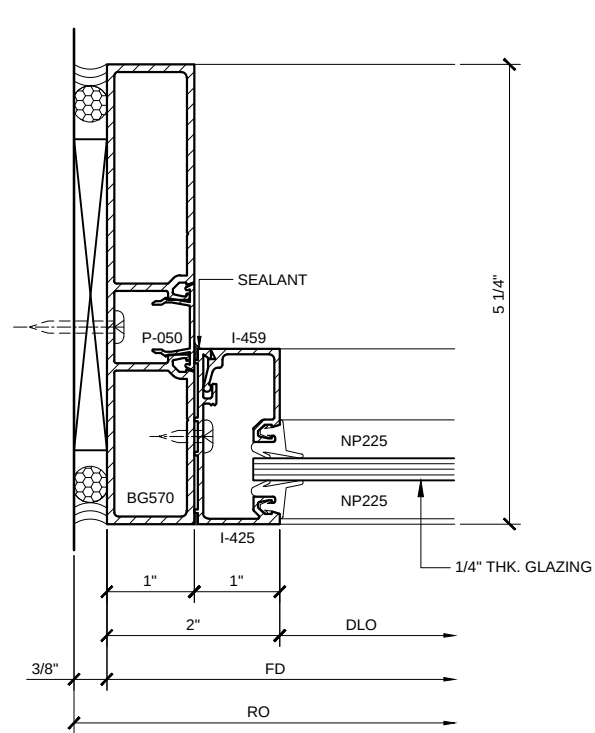
WINDOW WALL SERIES BG520 - 5 1/4" DEEP SYSTEM DETAILS

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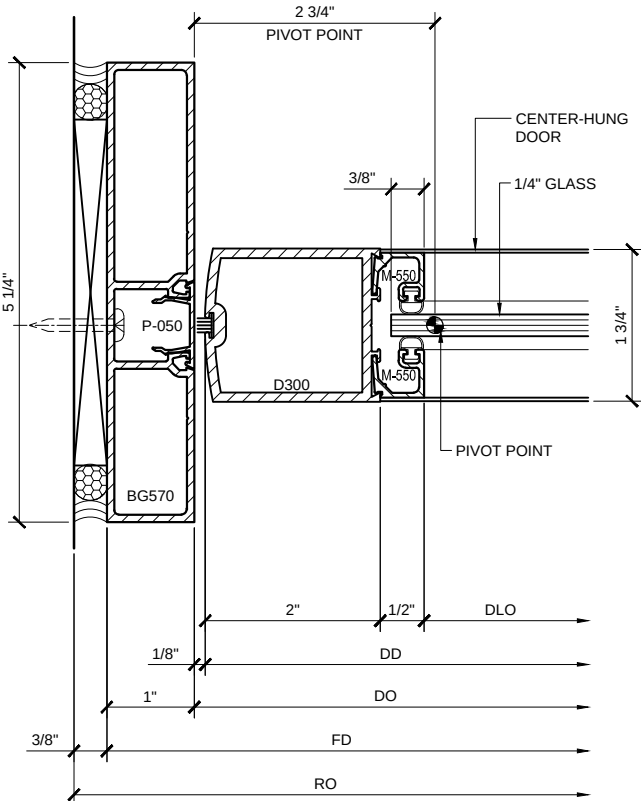


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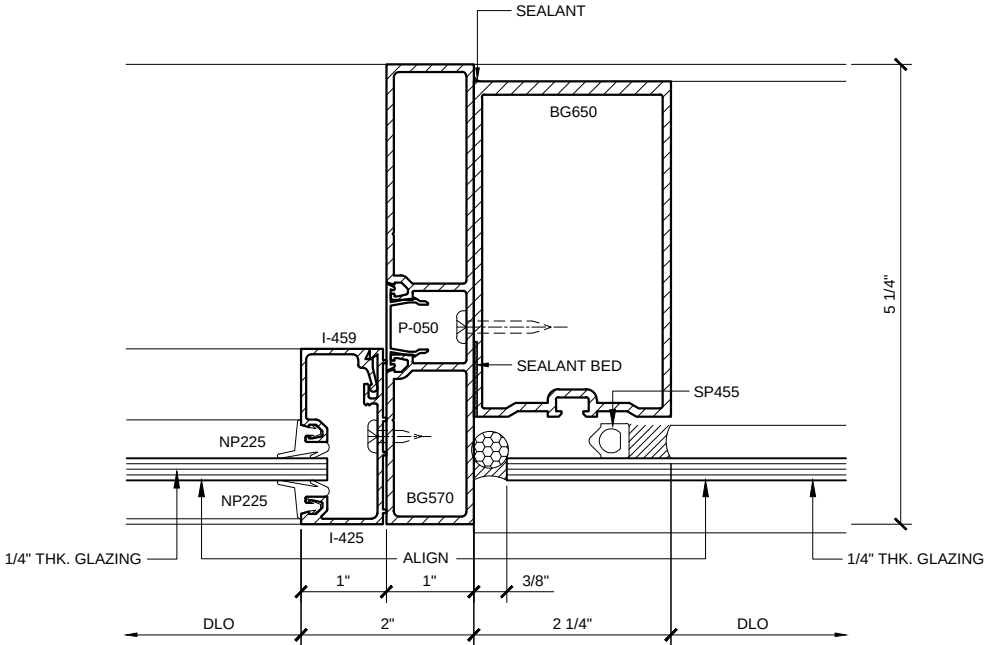
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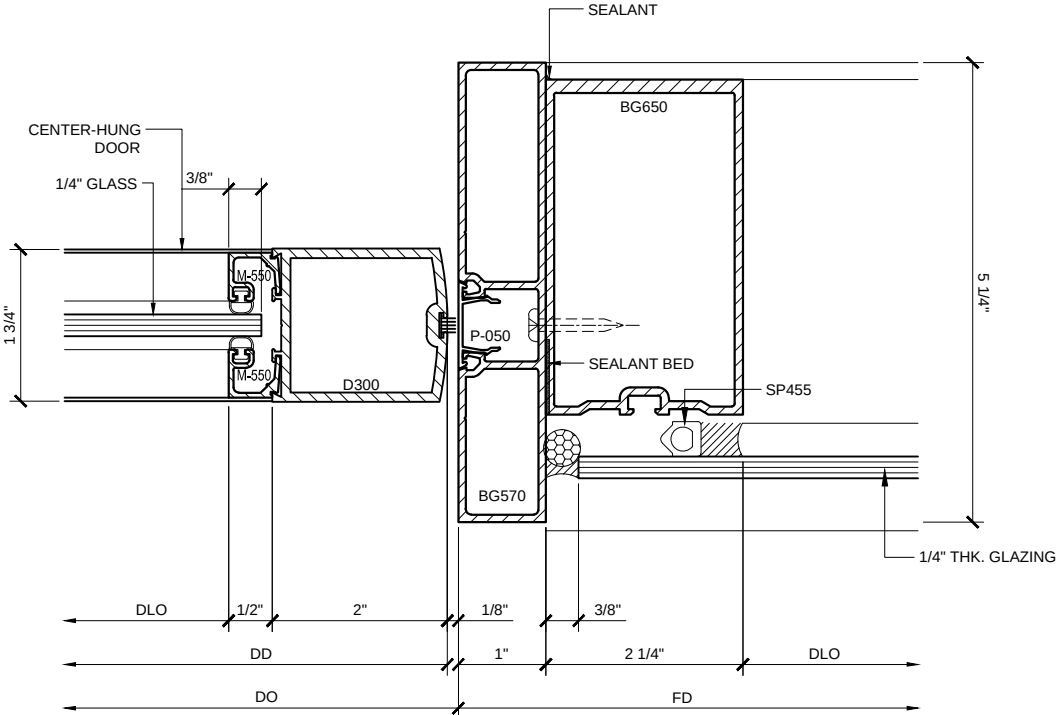
TRANSOM JAMB DETAIL 14
BG520 SINGLE GLAZED 1'-0"=1'-0"



DOOR JAMB DETAIL 16
BG520 SINGLE GLAZED
CENTER-HUNG DOOR 1'-0"=1'-0"



TRANSOM JAMB DETAIL 15
BG520 SINGLE GLAZED 1'-0"=1'-0"



DOOR JAMB DETAIL 17
BG520 SINGLE GLAZED
CENTER-HUNG DOOR 1'-0"=1'-0"

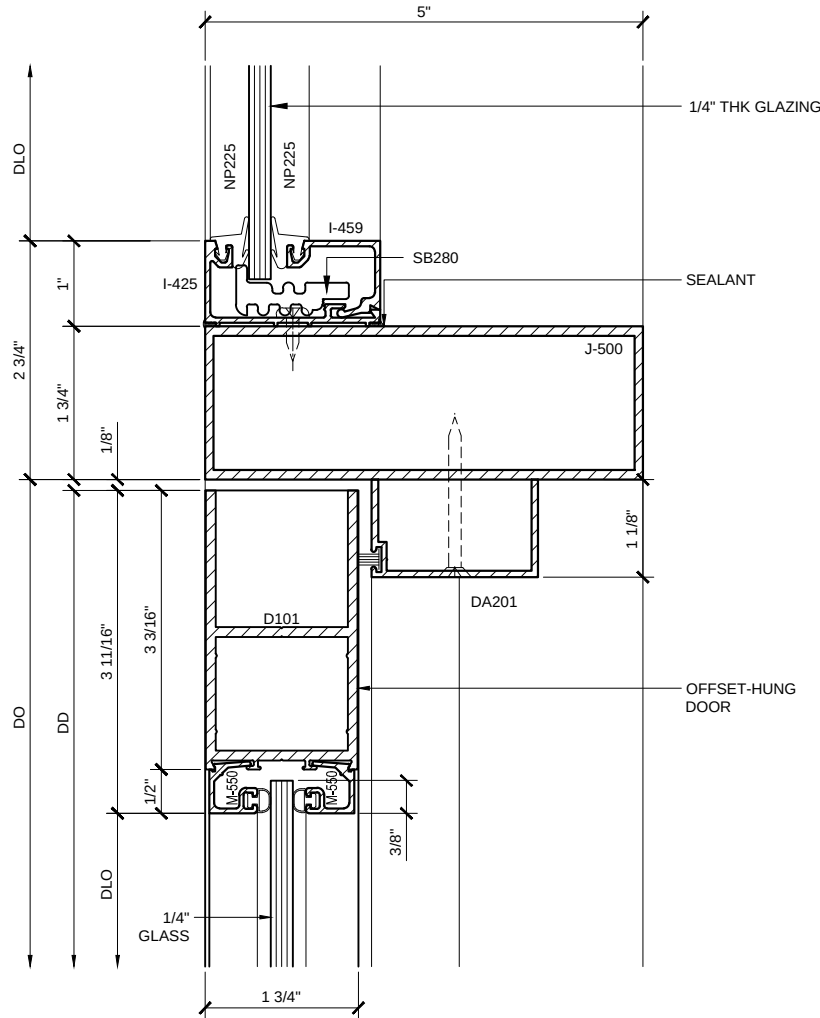
WINDOW WALL SERIES BG520 - 5 1/4" DEEP SYSTEM DETAILS

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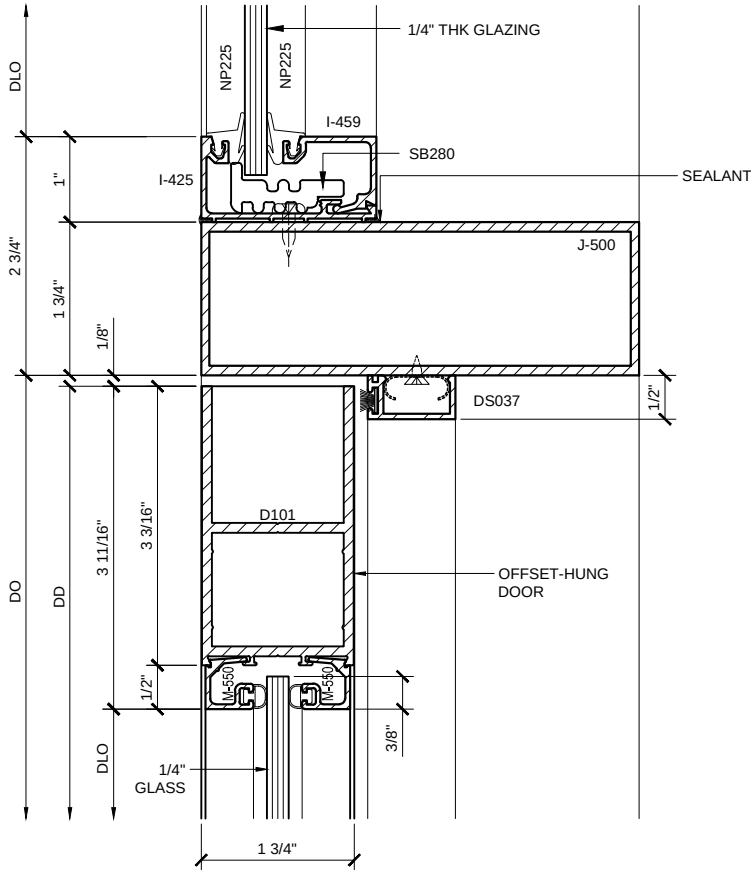
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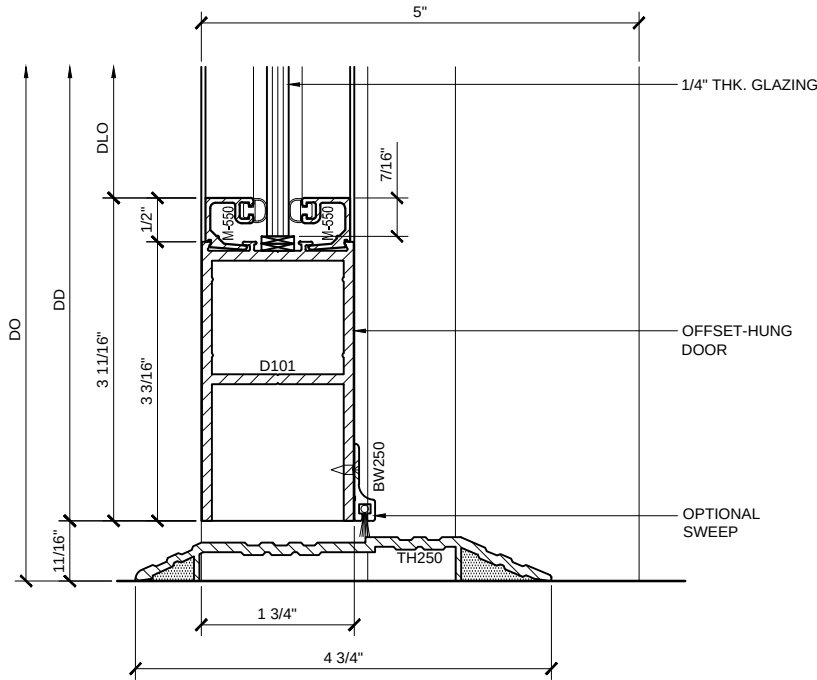
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DOOR HEAD DETAIL 23
BG520 SINGLE GLAZED
OFFSET-HUNG DOOR
1'-0"=1'-0"



DOOR HEAD DETAIL 22
BG520 SINGLE GLAZED
OFFSET-HUNG DOOR
1'-0"=1'-0"



DOOR SILL DETAIL 77
BG520 SINGLE GLAZED
OFFSET-HUNG DOOR
1'-0"=1'-0"

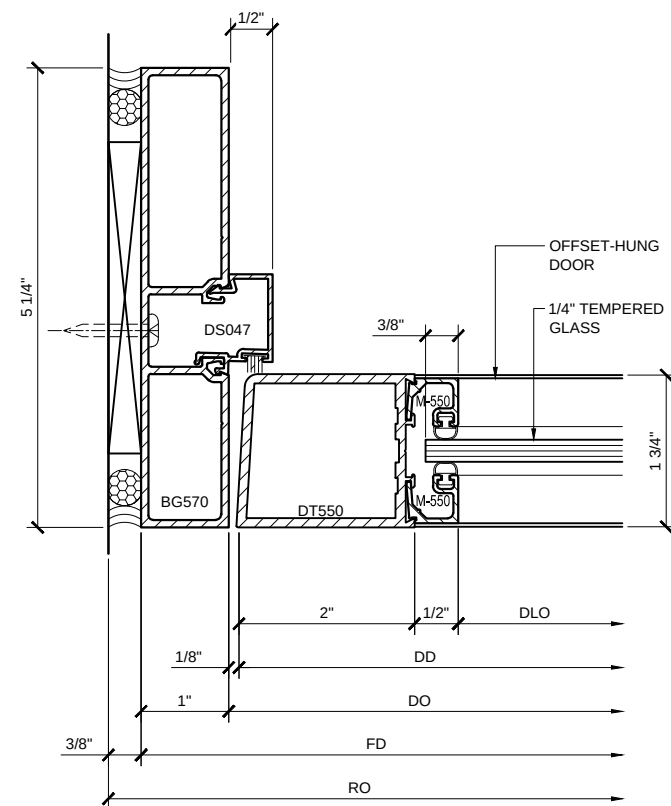
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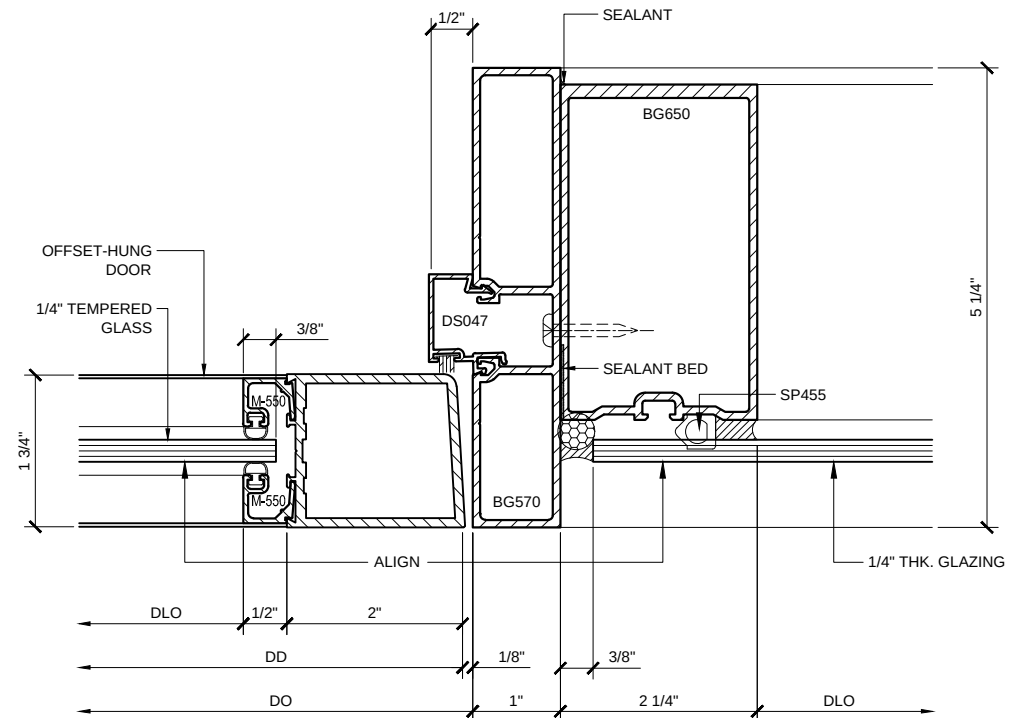
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DOOR JAMB DETAIL 20



DOOR JAMB DETAIL 21

BG520 SINGLE GLAZED
OFFSET-HUNG DOOR

1'-0"=1'-0"



Discipline:
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