


U.S. ALUMINUM CURTAIN WALL SERIES 4500 / 4500SG SYSTEM

THERMALLY ISOLATED CURTAIN WALL

Revisions By:



C.R. LAURENCE CO. ARCHITECTURAL PRODUCTS

2303 E. Vernon Avenue, Los Angeles, CA 90058-1897

PH (800) 421-6144 FX 800-587-7501 www.crlaurence.com

Discription:

U.S. ALUMINUM
CURTAIN WALL SERIES
4500 / 4500SG
SYSTEM DRAWINGS

Drawn By: RPD

Date: 06/17/15

Scale: AS NOTED

File Name: 4500.dwg

Sheet

COVER

THERMALLY ISOLATED CURTAIN WALL
SERIES 4500 / 4500SG
SYSTEMS SPECIFICATIONS

TECHNICAL DATA:
The series 4500 and 4500SG Curtain Walls feature pressure relieved horizontals with a unique, integral UNIfash™ System to literally sweep infiltrated water to the exterior. UNIfash™ eliminates the secondary operation of installing rigid vinyl internal injection molded thermoplastic connector providing total thermal isolation which allows superior thermal performance. Dual colors can be achieved by specifying different finishes for exterior face members and interior mullions. The system features either stick or panel type erection with no exposed joint fasteners.
Series 4500SG is offered in stick or panel erected systems combining the horizontal members of Series 4500 with structural silicone glazed vertical mullions. The two-sided silicone system creates the appearance of a glass wall with horizontal feature strips.

SPECIAL FEATURES:
Injection Molded End Dams at vertical to horizontal joints ensure any moisture that gets in the system is flushed out.
The two-piece vertical adds the versatility of screw race joinery and panel installation for window wall applications. A tubular horizontal attaches to the vertical and filler plate through screw splines. Open back head and sill horizontals allow for easy access for anchorage.
Injection Molded Water Diverters continue the patented integral UNIfash™ design in the silicone glazed system.
Resusable Twist-In Temporary Glass Retainers are used to support the glass until the structural silicone has fully cured in accordance with silicone manufacturer's recommendations.

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

TABLE OF CONTENTS: SERIES 4500 / 4500SG					
#	SHEET	DESCRIPTION	#	SHEET	DESCRIPTION
1	COVER	TABLE OF CONTENTS / SPECIFICATIONS	21	4500.7.4	5" BACK MEMBER CORNER DETAILS
2	4500.1.1	STICK SYSTEM - 4" BACK MEMBER ELEVATIONS	22	4500.8.1	8" BACK MEMBER CORNER ELEVATIONS
3	4500.1.2	STICK SYSTEM - 4" BACK MEMBER DETAILS	23	4500.8.2	8" BACK MEMBER CORNER DETAILS
4	4500.2.1	STICK SYSTEM - 5" BACK MEMBER ELEVATIONS	24	4500.9.1	4" BACK MEMBER DOOR ELEVATIONS
5	4500.2.2	STICK SYSTEM - 5" BACK MEMBER DETAILS	25	4500.9.2	4" BACK MEMBER DOOR DETAILS
6	4500.3.1	STICK SYSTEM - 8" BACK MEMBER ELEVATIONS	26	4500.9.3	4" BACK MEMBER DOOR DETAILS
7	4500.3.2	STICK SYSTEM - 8" BACK MEMBER DETAILS	27	4500.10.1	5" BACK MEMBER DOOR ELEVATIONS
8	4500.3.3	STICK SYSTEM - 8" BACK MEMBER DETAILS	28	4500.10.2	5" BACK MEMBER DOOR DETAILS
9	4500.4.1	PANEL SYSTEM - 4" BACK MEMBER ELEVATIONS	29	4500.10.3	5" BACK MEMBER DOOR DETAILS
10	4500.4.2	PANEL SYSTEM - 4" BACK MEMBER DETAIIIS	30	4500.11.1	4" BACK MEMBER TRANSITION ELEVATIONS
11	4500.5.1	PANEL SYSTEM - 5" BACK MEMBER ELEVATIONS	31	4500.11.2	4" BACK MEMBER TRANSITION DETAILS
12	4500.5.2	PANEL SYSTEM - 5" BACK MEMBER DETAILS	32	4500.11.3	4" BACK MEMBER TRANSITION DETAILS
13	4500.5.3	PANEL SYSTEM - 5" BACK MEMBER DETAILS	33	4500.11.4	4" BACK MEMBER TRANSITION DETAILS
14	4500.6.1	4" BACK MEMBER CORNER ELEVATIONS	34	4500.11.5	4" BACK MEMBER TRANSITION DETAILS
15	4500.6.2	4" BACK MEMBER CORNER DETAILS	35	4500.12.1	5" BACK MEMBER TRANSITION ELEVATIONS
16	4500.6.3	4" BACK MEMBER CORNER DETAILS	36	4500.12.2	5" BACK MEMBER TRANSITION DETAILS
17	4500.6.4	4" BACK MEMBER CORNER DETAILS	37	4500.12.3	5" BACK MEMBER TRANSITION DETAILS
18	4500.7.1	5" BACK MEMBER CORNER ELEVATIONS	38	4500.12.4	5" BACK MEMBER TRANSITION DETAILS
19	4500.7.2	CW SERIES 4500/4500SG DETAILS	39	4500.12.5	5" BACK MEMBER TRANSITION DETAILS
20	4500.7.3	CW SERIES 4500/4500SG DETAILS			

SERIES	FACE WIDTH	BACK MEMBER DEPTH	OVERALL DEPTH	GLAZING INFILL	GLAZING METHOD	APPLICATIONS
4500 4500SG	2-1/4" (57.2)	4" (101.6) 5" (127) 8" (203.2)	6" (152.4) 7" (177.8) 10" (254)	1/4" (6) or 1" (25)	Exterior	Low-Rise to Mid-Rise Buildings Where Exterior Glazing is Desired

STANDARD ABBREVIATIONS

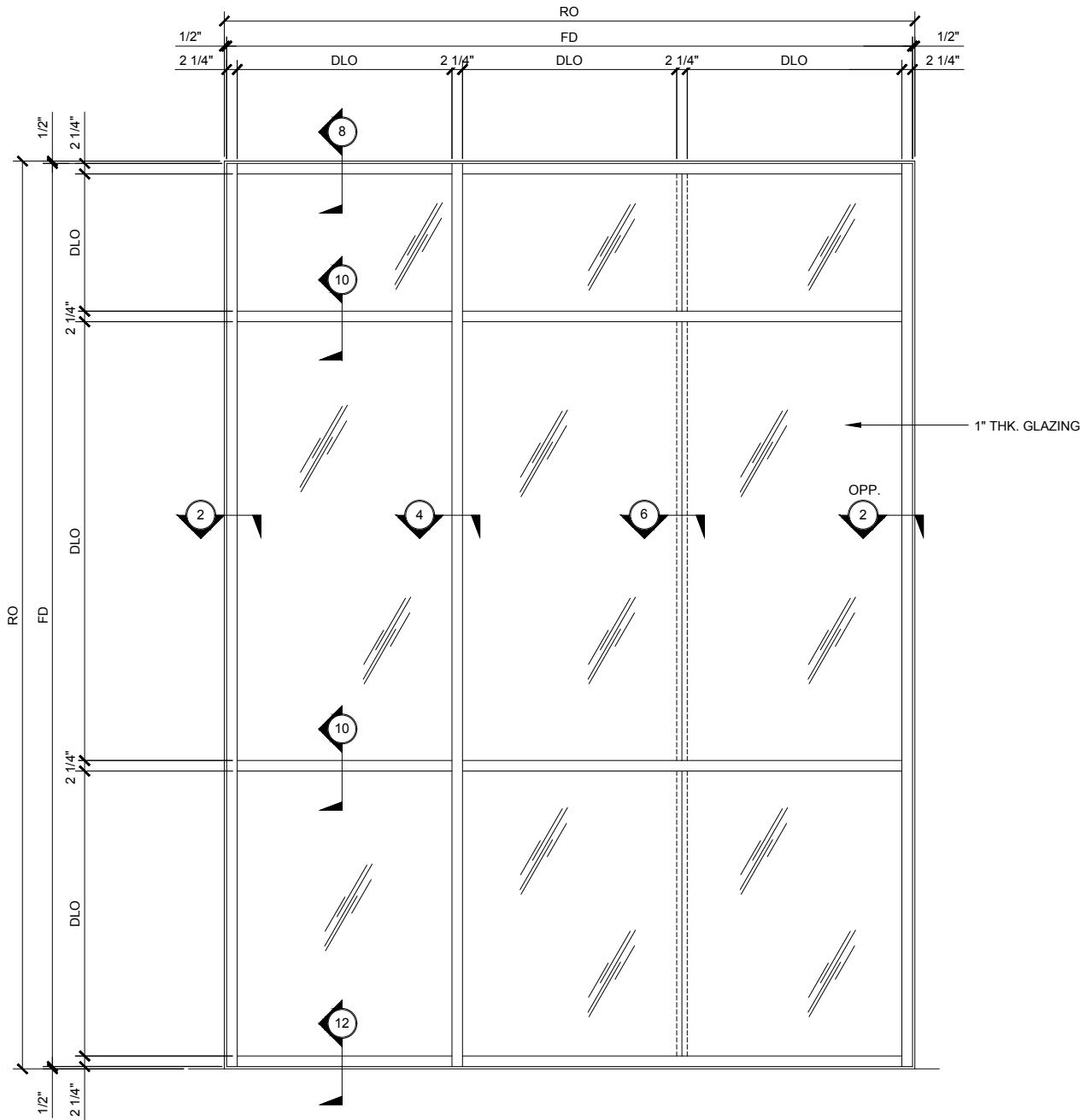
RO	ROUGH OPENING
FD	FRAME DIMENSION
DLO	DAYLIGHT OPENING
DO	DOOR OPENING
DD	DOOR DIMENSION
SMC	SURFACE MOUNTED CLOSER
OHCC	OVERHEAD CONCEALED CLOSER

Revisions By:



C.R.LAURENCE CO. ARCHITECTURAL PRODUCTS
2303 E. Vernon Avenue, Los Angeles, CA 90058-1897
PH (800) 421-6144 FX 800-587-7501 www.crlaurence.com

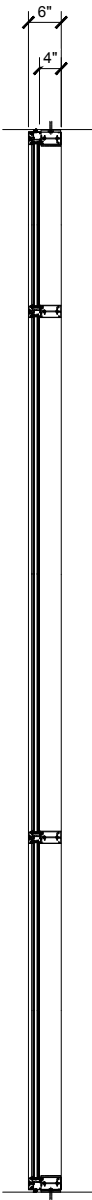
Discription:
U.S. ALUMINUM
CURTAIN WALL SERIES
4500 / 4500SG
SYSTEM DRAWINGS



TYPICAL CURTAIN WALL ELEVATION

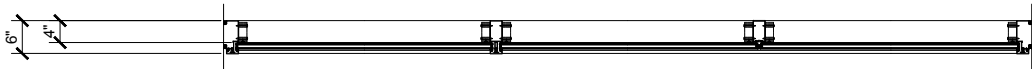
SHEAR BLOCK ASSEMBLY
1" THICK DOUBLE GLAZED
4" BACK MEMBER

3/4" =1'-0"



TYPICAL CURTAIN WALL SECTION

3/4" =1'-0"



TYPICAL CURTAIN WALL PLAN

3/4" =1'-0"

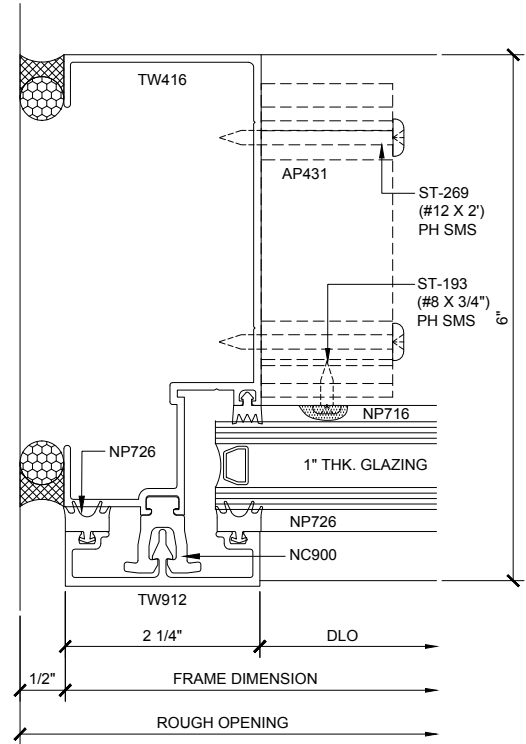
CURTAIN WALL SERIES 4500 / 4500SG

4500.1.1 / STICK (shear block assembly) / DOUBLE GLAZED / 4" BACK MEMBER

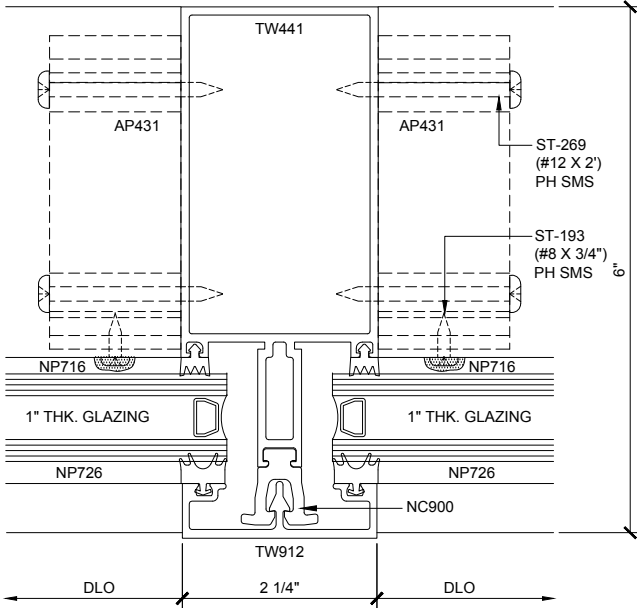
Drawn By: RPD
Date: 06/17/15
Scale: AS NOTED
File Name: 4500.dwg
Sheet

4500.1.1

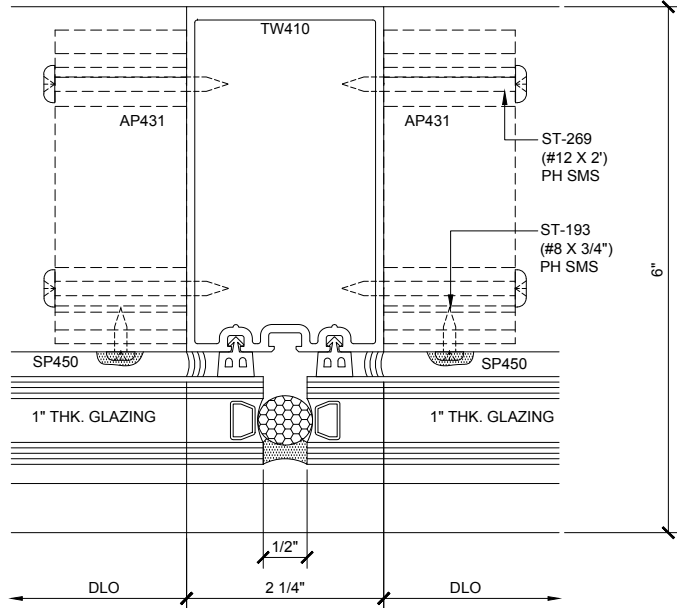
U.S. ALUMINUM CURTAIN WALL SERIES 4500 / 4500SG SYSTEM



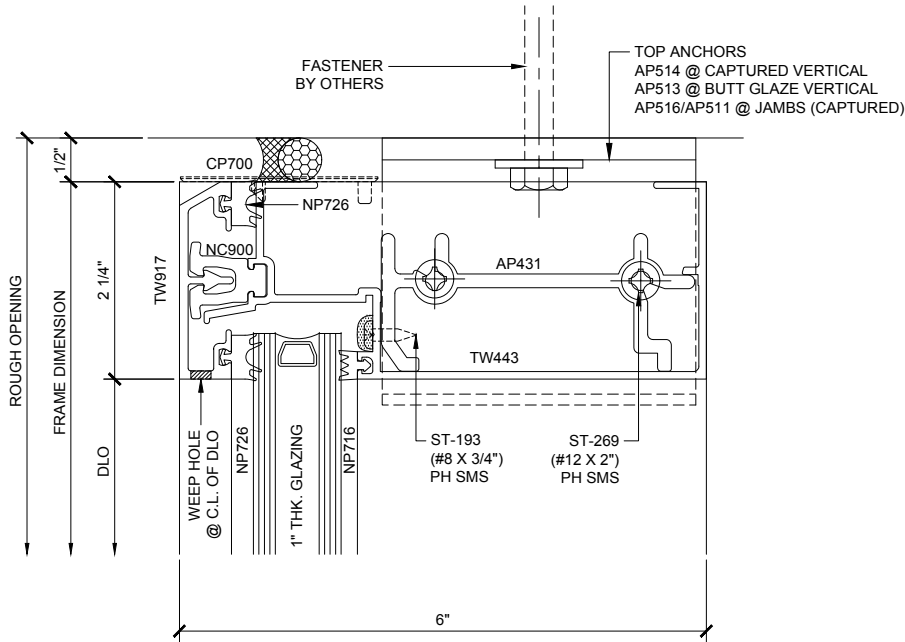
JAMB PLAN ②
4500.1.2.02
STICK (SHEAR BLOCK ASSEMBLY)
DOUBLE GLAZED / 4" BACK MEMBER



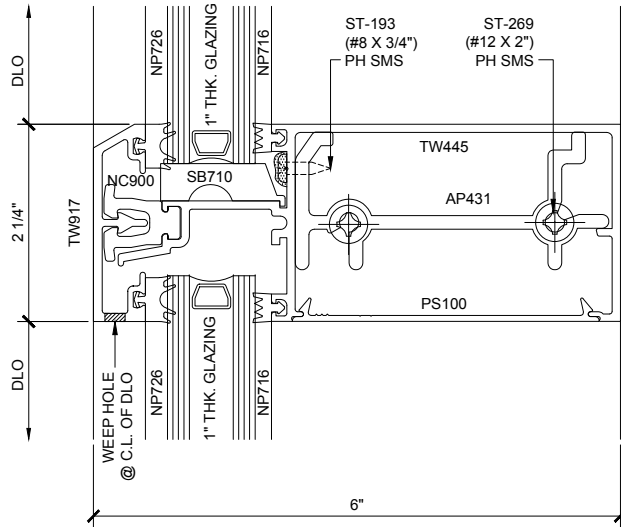
INT. VERT. PLAN ④
4500.1.2.04
STICK (SHEAR BLOCK ASSEMBLY)
DOUBLE GLAZED / 4" BACK MEMBER



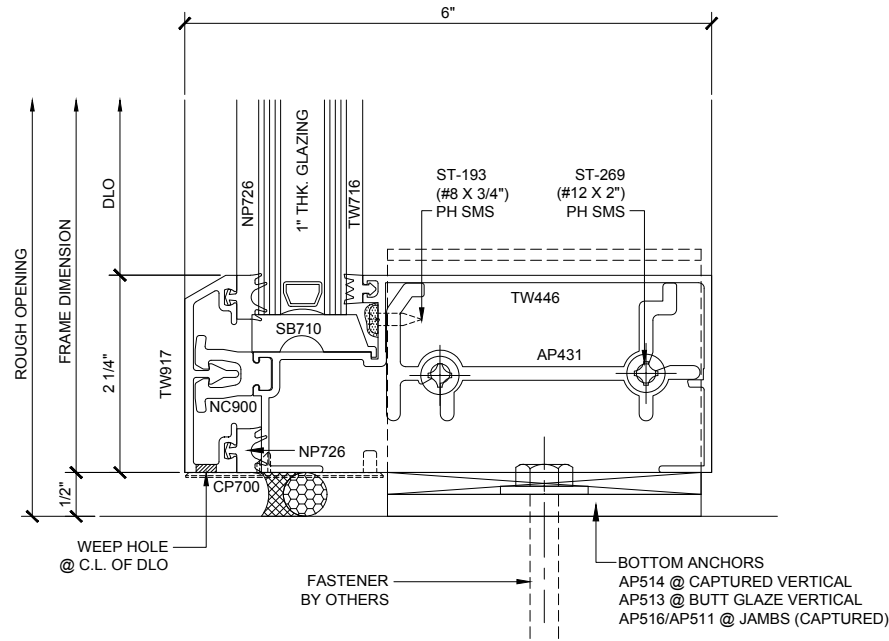
INT. VERT. PLAN ⑥
4500.1.2.06
STICK (SHEAR BLOCK ASSEMBLY)
DOUBLE GLAZED / 4" BACK MEMBER



HEAD SECTION ⑧
4500.1.2.08
STICK (SHEAR BLOCK ASSEMBLY)
DOUBLE GLAZED / 4" BACK MEMBER



INT. HOR. SECTION ⑩
4500.1.2.10
STICK (SHEAR BLOCK ASSEMBLY)
DOUBLE GLAZED / 4" BACK MEMBER



SILL SECTION ⑫
4500.1.2.12
STICK (SHEAR BLOCK ASSEMBLY)
DOUBLE GLAZED / 4" BACK MEMBER

CURTAIN WALL SERIES 4500 / 4500SG DETAILS

4500.1.2 / STICK (shear block assembly) / DOUBLE GLAZED / 4" BACK MEMBER

Revisions By:

CAL ALUMINUM
C.R. LAURENCE CO. ARCHITECTURAL PRODUCTS
2303 E. Vernon Avenue, Los Angeles, CA 90058-1897
PH (800) 421-6144 FX 800-587-7501 www.crlaurence.com

U.S. ALUMINUM
CURTAIN WALL SERIES
4500 / 4500SG
SYSTEM DRAWINGS

Drawn By: RPD
Date: 06/17/15
Scale: AS NOTED
File Name: 4500.dwg
Sheet

4500.1.2

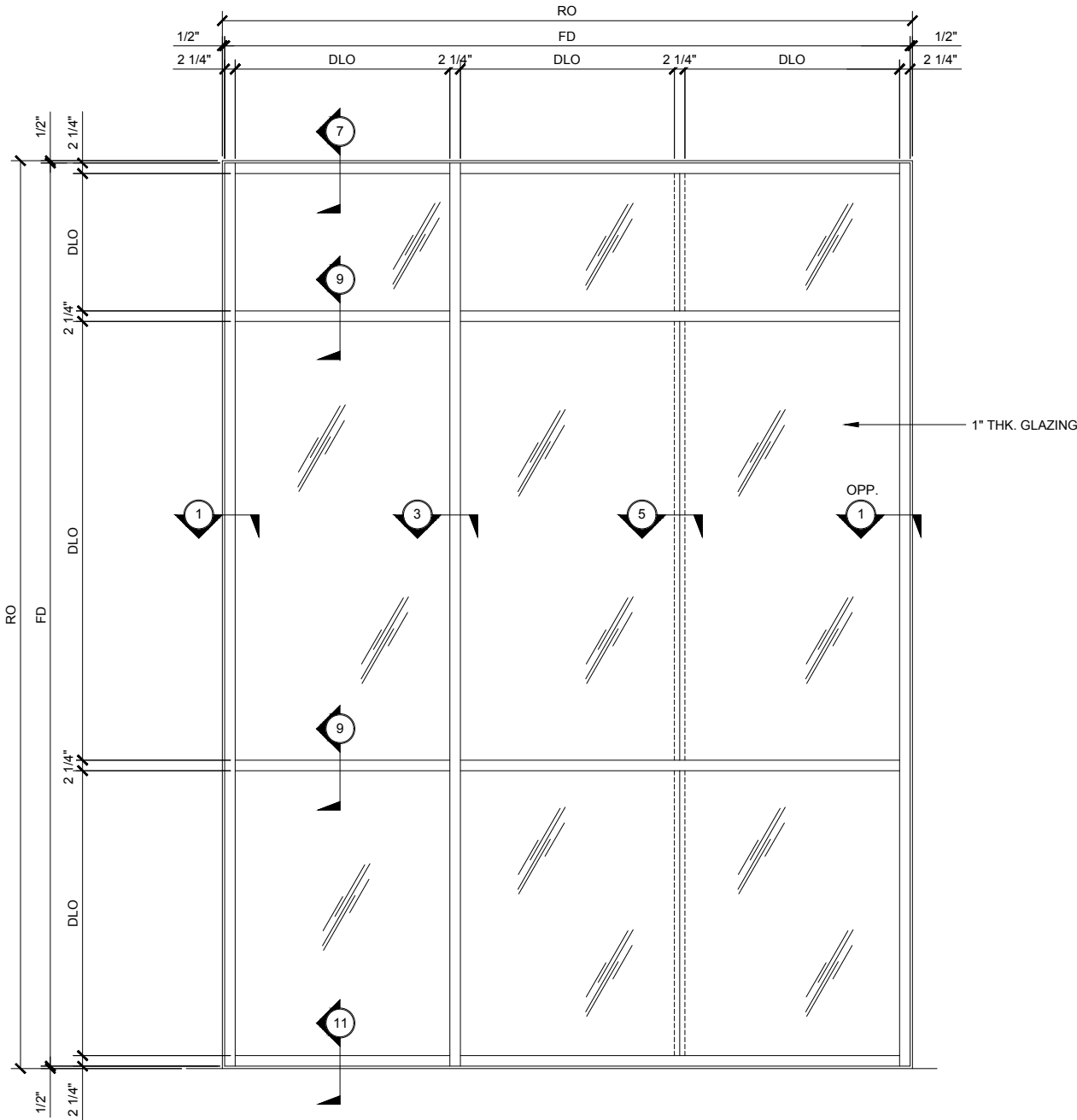
STANDARD ABBREVIATIONS

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

Revisions By:



C.R.LAURENCE CO. ARCHITECTURAL PRODUCTS
2303 E. Vernon Avenue, Los Angeles, CA 90058-1897
PH (800) 421-6144 FX 800-587-7501 www.crlaurence.com



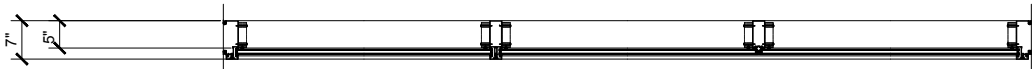
TYPICAL CURTAIN WALL ELEVATION

SHEAR BLOCK ASSEMBLY
1" THICK DOUBLE GLAZED
5" BACK MEMBER

3/4" = 1'-0"

TYPICAL CURTAIN WALL SECTION

3/4" = 1'-0"



TYPICAL CURTAIN WALL PLAN

3/4" = 1'-0"

CURTAIN WALL SERIES 4500 / 4500SG

4500.2.1 / STICK (shear block assembly) / DOUBLE GLAZED / 5" BACK MEMBER

Discription:

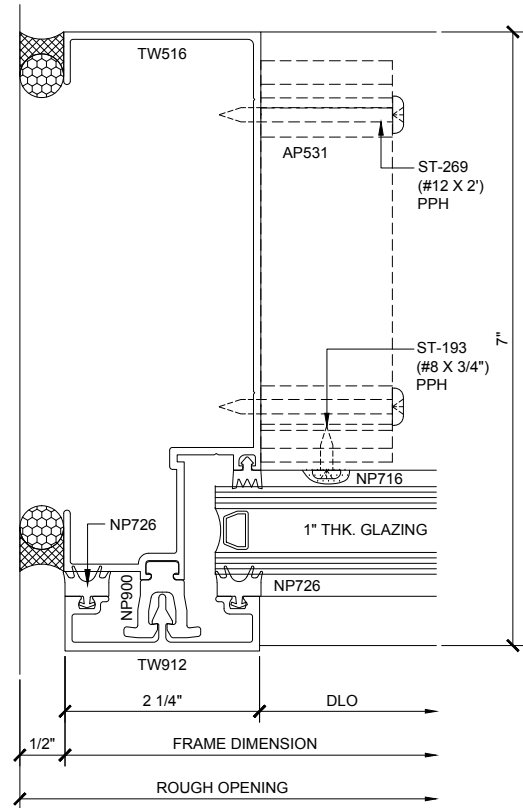
U.S. ALUMINUM
CURTAIN WALL SERIES
4500 / 4500SG
SYSTEM DRAWINGS

Drawn By: RPD
Date: 06/17/15
Scale: AS NOTED
File Name: 4500.dwg

Sheet

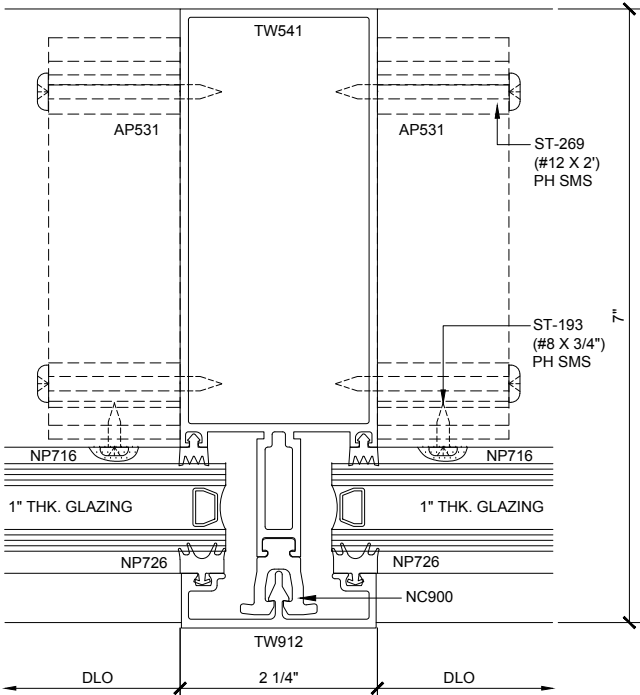
4500.2.1

U.S. ALUMINUM CURTAIN WALL SERIES 4500 / 4500SG SYSTEM



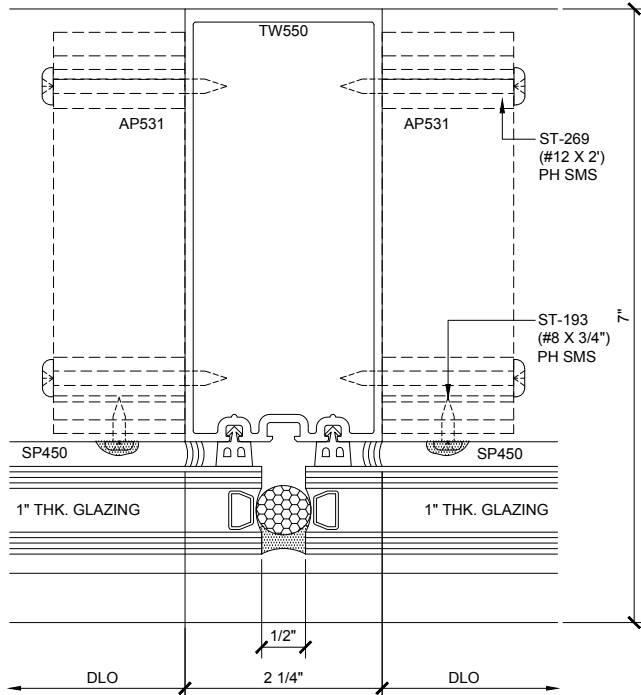
JAMB PLAN

4500.2.2.01
STICK (SHEAR BLOCK ASSEMBLY)
DOUBLE GLAZED / 5" BACK MEMBER



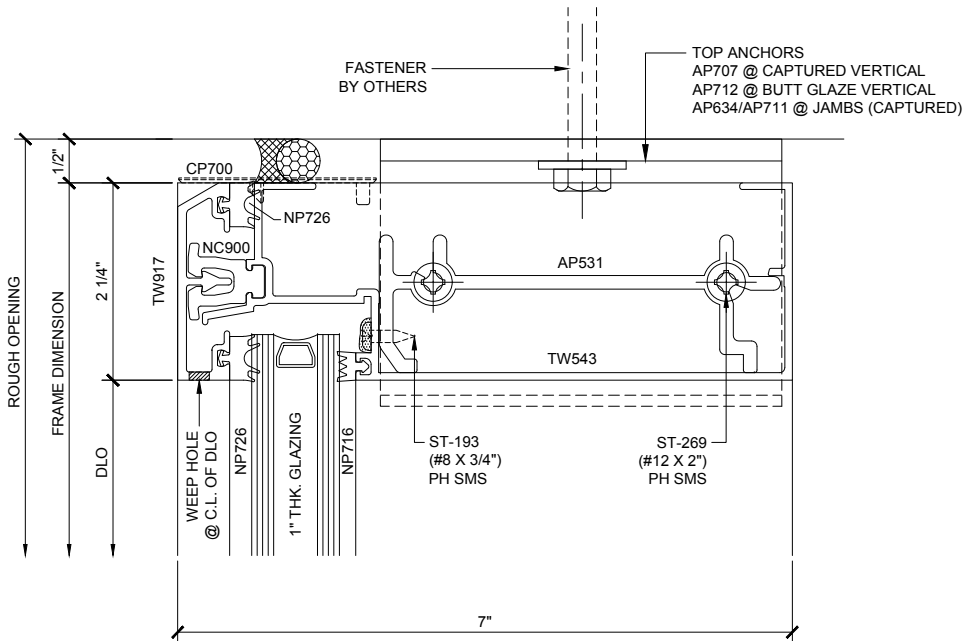
INT. VERT. PLAN

4500.2.2.03
STICK (SHEAR BLOCK ASSEMBLY)
DOUBLE GLAZED / 5" BACK MEMBER



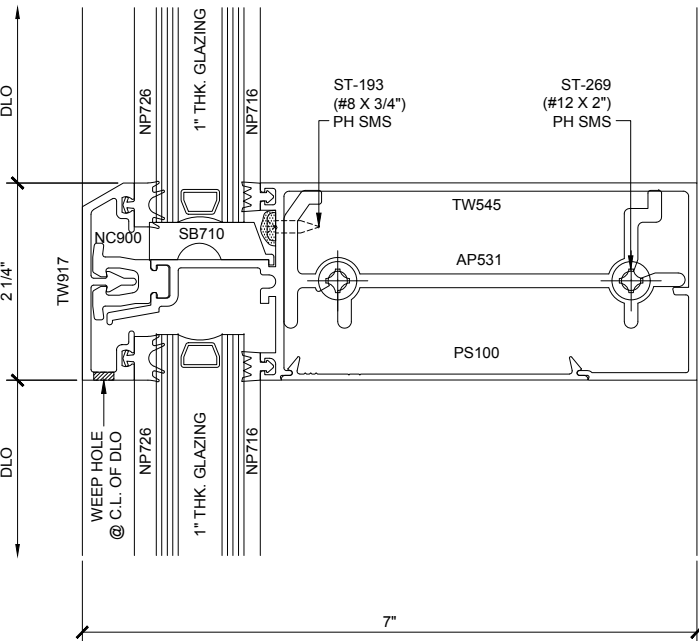
INT. VERT. PLAN

4500.2.2.05
STICK (SHEAR BLOCK ASSEMBLY)
DOUBLE GLAZED / 5" BACK MEMBER



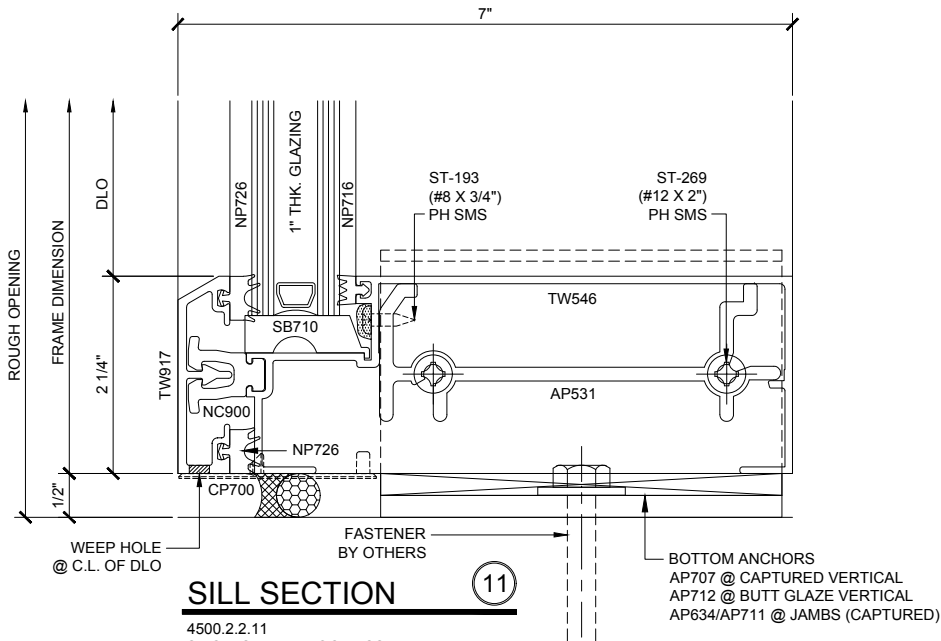
HEAD SECTION

4500.2.2.07
STICK (SHEAR BLOCK ASSEMBLY)
DOUBLE GLAZED / 5" BACK MEMBER



INT. HOR. SECTION

4500.2.2.09
STICK (SHEAR BLOCK ASSEMBLY)
DOUBLE GLAZED / 5" BACK MEMBER



SILL SECTION

4500.2.2.11
STICK (SHEAR BLOCK ASSEMBLY)
DOUBLE GLAZED / 5" BACK MEMBER

CURTAIN WALL SERIES 4500 / 4500SG DETAILS

4500.2.2 / STICK (shear block assembly) / DOUBLE GLAZED / 5" BACK MEMBER

Revisions By:

U.S. ALUMINUM
C.R. LAURENCE CO. ARCHITECTURAL PRODUCTS
2303 E. Vernon Avenue, Los Angeles, CA 90058-1897
PH (800) 421-6144 FX 800-587-7501 www.crlaurence.com

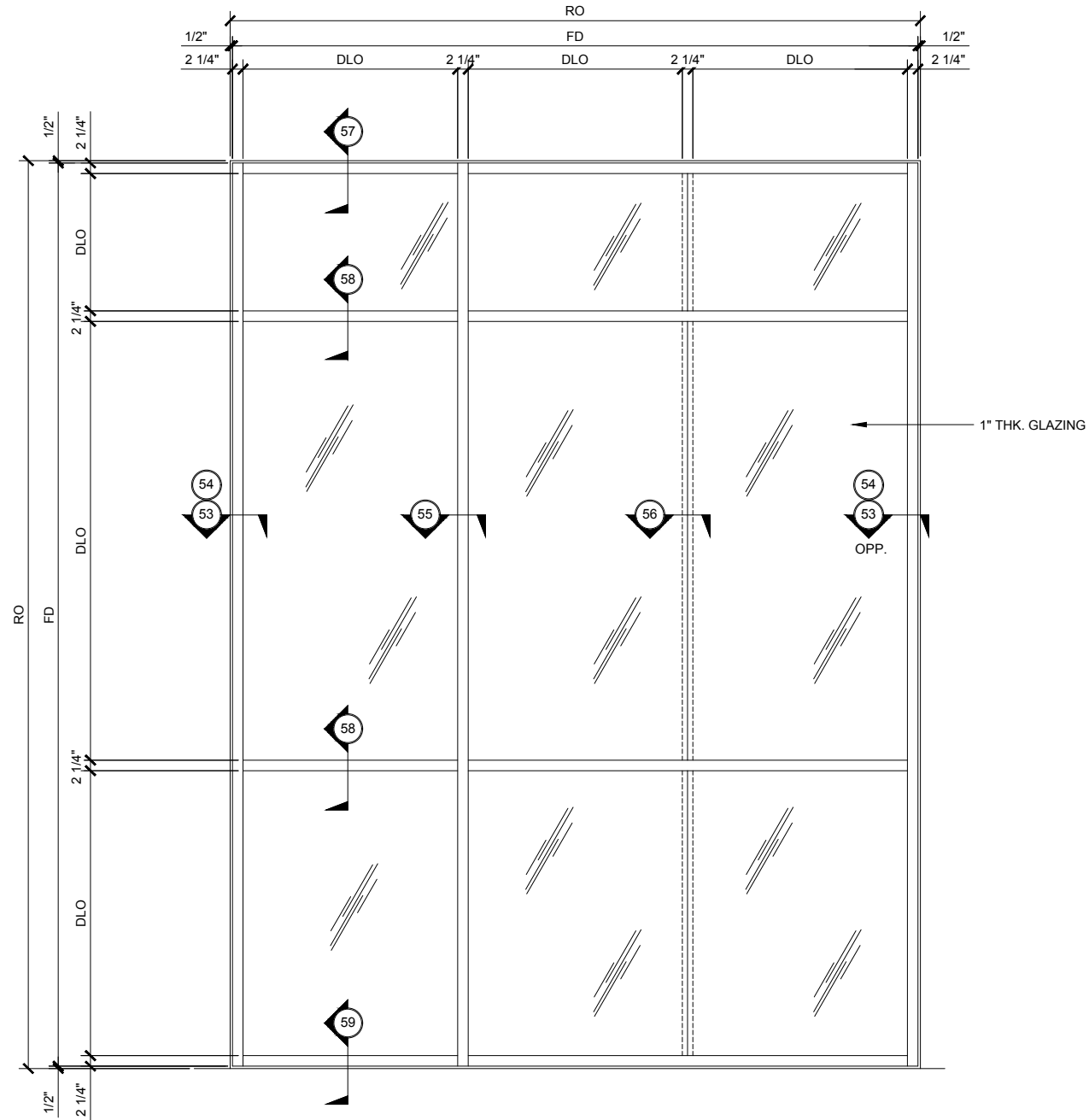
U.S. ALUMINUM
CURTAIN WALL SERIES
4500 / 4500SG
SYSTEM DRAWINGS

Drawn By: RPD
Date: 06/17/15
Scale: AS NOTED
File Name: 4500.dwg
Sheet

4500.2.2

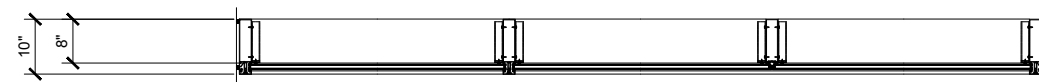
STANDARD ABBREVIATIONS	
RO	ROUGH OPENING
FD	FRAME DIMENSION
DLO	DAYLIGHT OPENING
DO	DOOR OPENING
DD	DOOR DIMENSION
SMC	SURFACE MOUNTED CLOSER
OHCC	OVERHEAD CONCEALED CLOSER

Revisions By:



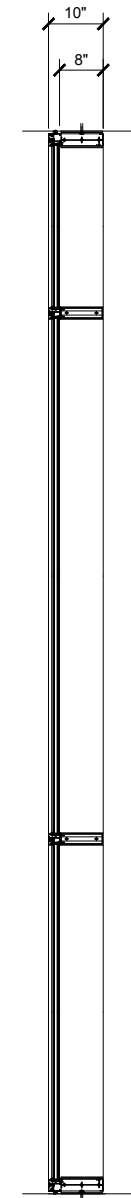
TYPICAL CURTAIN WALL ELEVATION

SHEAR BLOCK ASSEMBLY	3/4" =1'-0"
1" THICK DOUBLE GLAZED	
8" BACK MEMBER	



TYPICAL CURTAIN WALL PLAN

3/4" = 1'-0"



TYPICAL CURTAIN WALL SECTION

3/4" = 1'-0"

CURTAIN WALL SERIES 4500 / 4500SG

4500.3.1 / STICK (shear block assembly) / DOUBLE GLAZED / 8" BACK MEMBER

CAL

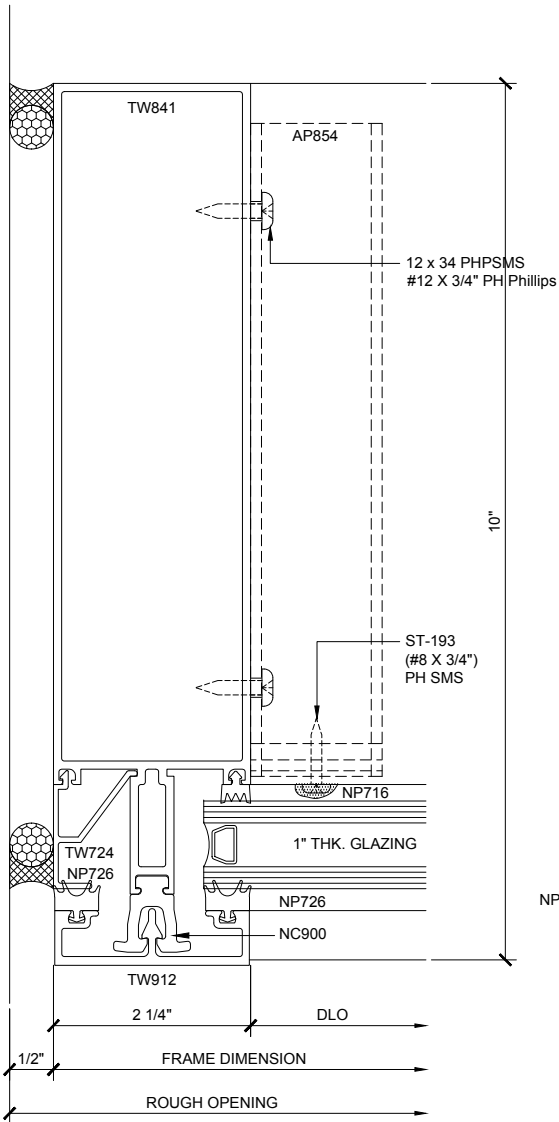
ALUMINUM

C.R. LAURENCE CO. ARCHITECTURAL PRODUCTS
2303 E. Verrano Avenue, Los Angeles, CA 90038-1897
PH (800)-421-6144 FX (800)-387-7501 www.claluminum.com

Description:
 U.S. ALUMINUM
 CURTAIN WALL SERIES
 4500 / 4500SG
 SYSTEM DRAWINGS

Drawn By:	RPD
Date:	06/17/15
Scale:	AS NOTED
File Name:	4500.dwg
Sheet	

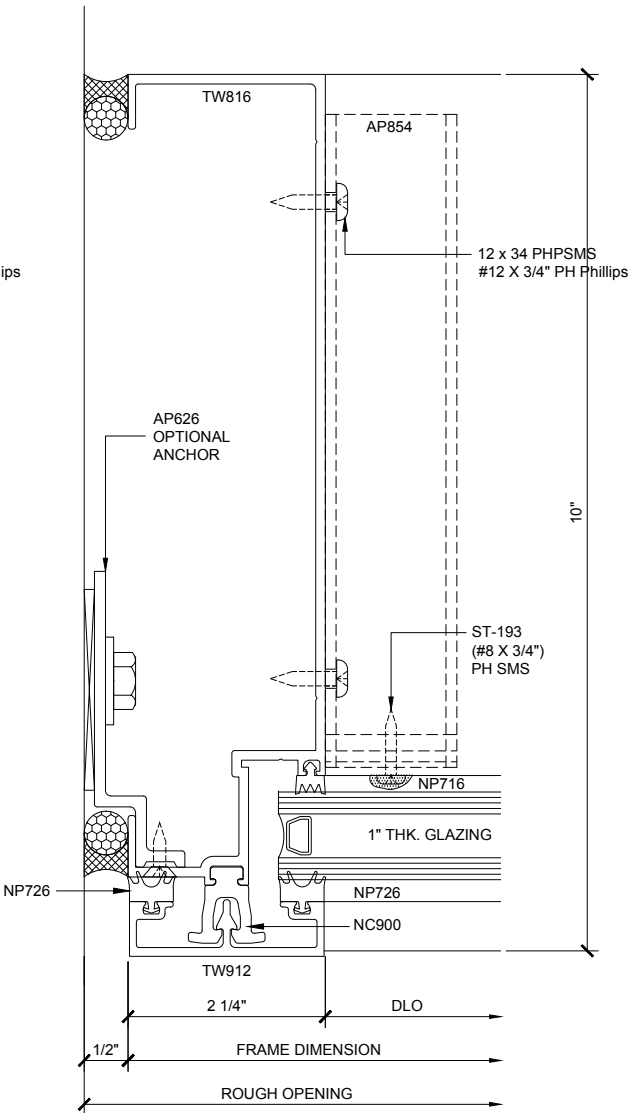
4500.3.1



JAMB PLAN

53

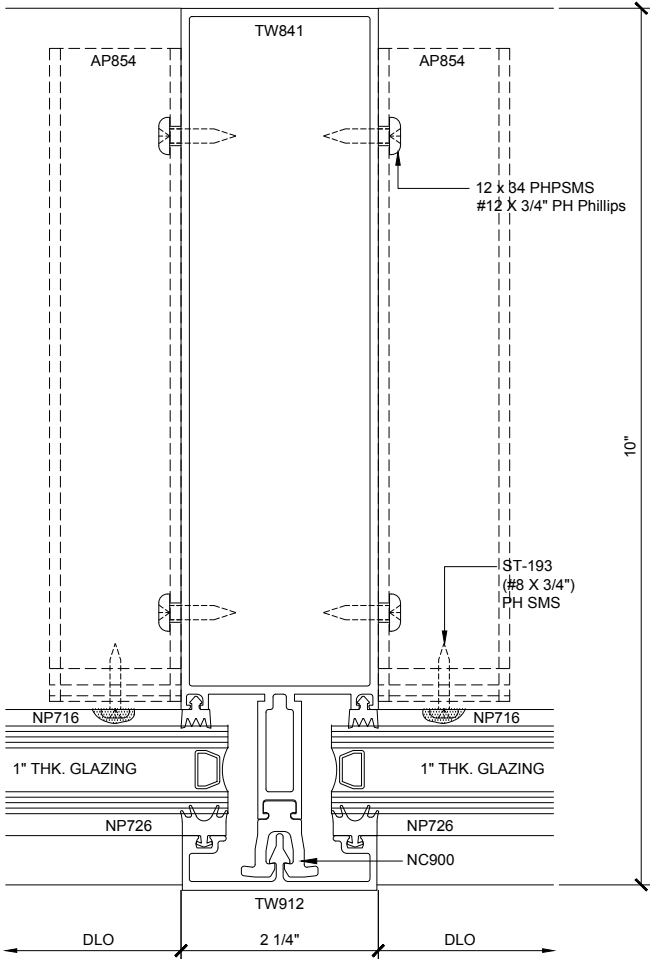
4500.3.2.53
STICK (SHEAR BLOCK ASSEMBLY)
DOUBLE GLAZED / 8" BACK MEMBER



JAMB PLAN

54

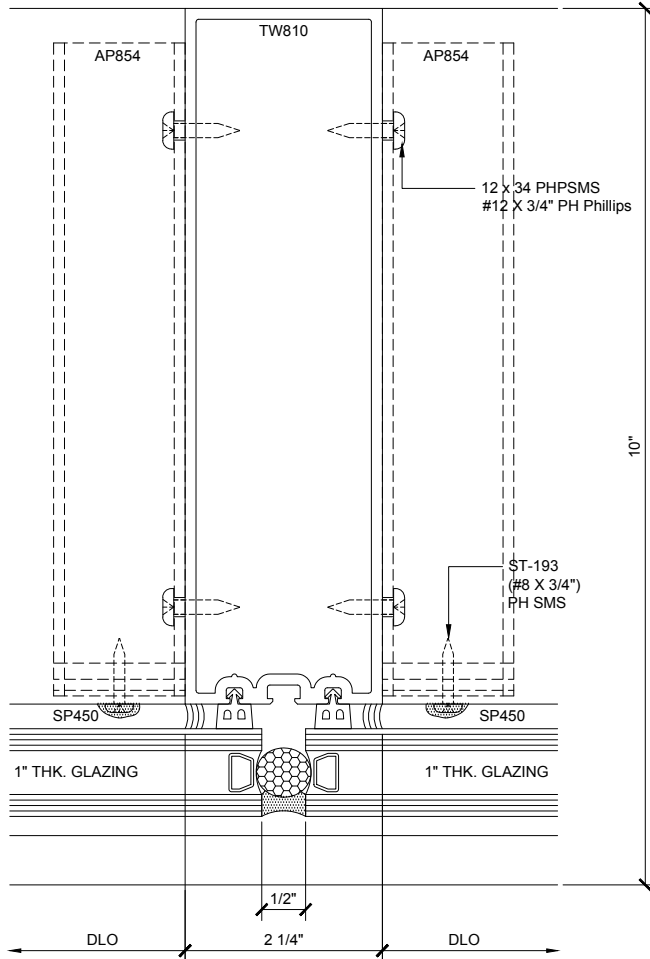
4500.3.2.54
STICK (SHEAR BLOCK ASSEMBLY)
DOUBLE GLAZED / 8" BACK MEMBER



INT. VERT. PLAN

55

4500.3.2.55
STICK (SHEAR BLOCK ASSEMBLY)
DOUBLE GLAZED / 8" BACK MEMBER



INT. VERT. PLAN

56

4500.3.2.56
STICK (SHEAR BLOCK ASSEMBLY)
DOUBLE GLAZED / 8" BACK MEMBER

CURTAIN WALL SERIES 4500 / 4500SG DETAILS

4500.3.2 / STICK (shear block assembly) / DOUBLE GLAZED / 8" BACK MEMBER

Revisions By:

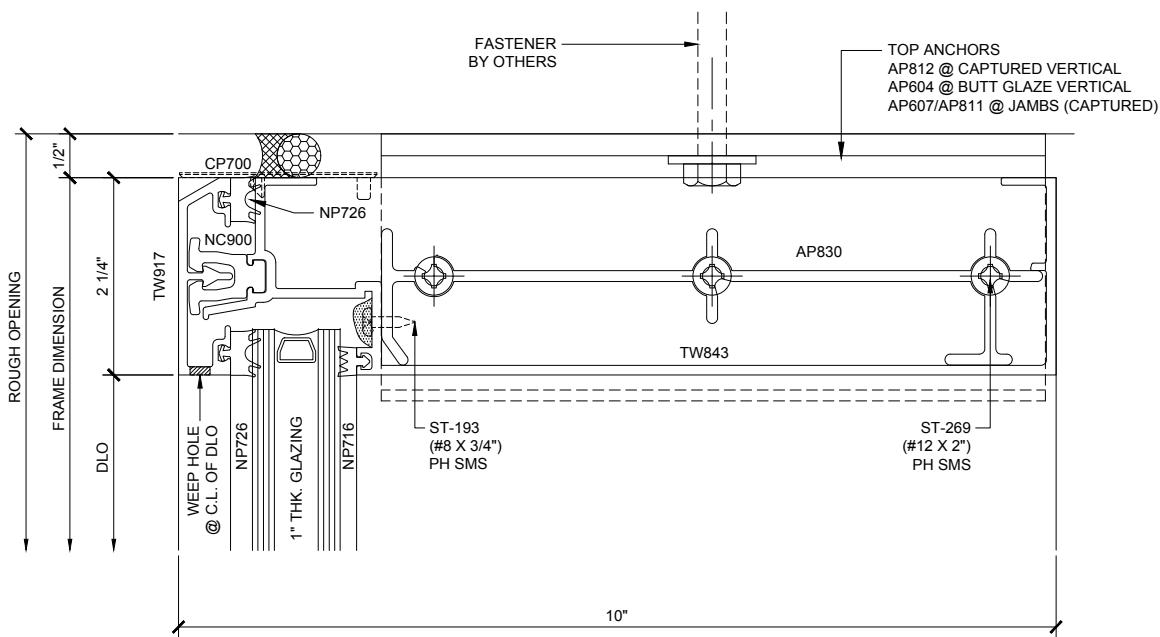
CAL ALUMINUM
C.R. LAURENCE CO. ARCHITECTURAL PRODUCTS
2303 E. Vernon Avenue, Los Angeles, CA 90058-1897
PH (800) 421-6144 FX 800-587-7501 www.crlaurence.com

U.S. ALUMINUM
CURTAIN WALL SERIES
4500 / 4500SG
SYSTEM DRAWINGS

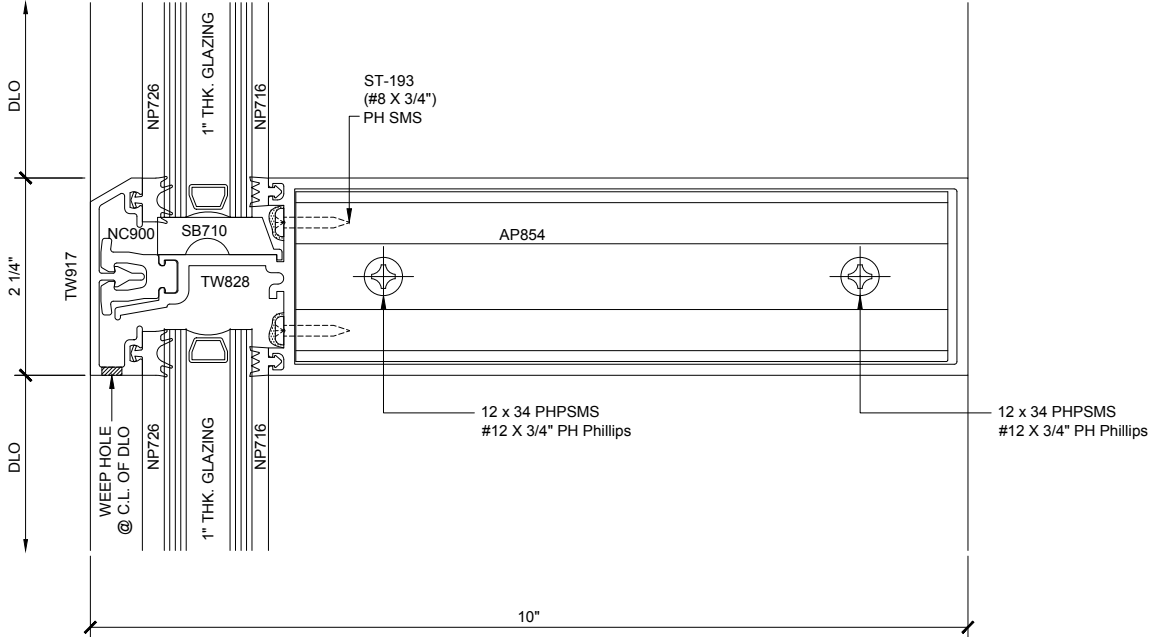
Drawn By: RPD
Date: 06/17/15
Scale: AS NOTED
File Name: 4500.dwg
Sheet

4500.3.2

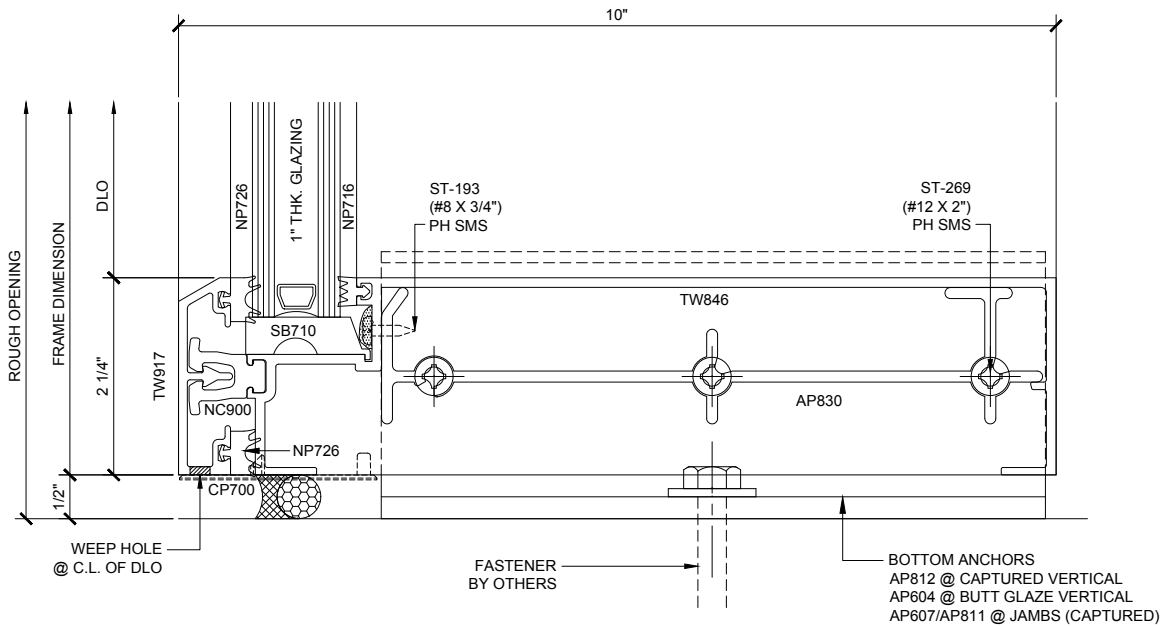
U.S. ALUMINUM CURTAIN WALL SERIES 4500 / 4500SG SYSTEM



HEAD SECTION 57
4500.3.3.57
STICK (SHEAR BLOCK ASSEMBLY)
DOUBLE GLAZED / 8" BACK MEMBER



INT. HOR. PLAN 58
4500.3.3.58
STICK (SHEAR BLOCK ASSEMBLY)
DOUBLE GLAZED / 8" BACK MEMBER



SILL SECTION 59
4500.3.3.59
STICK (SHEAR BLOCK ASSEMBLY)
DOUBLE GLAZED / 8" BACK MEMBER

CURTAIN WALL SERIES 4500 / 4500SG DETAILS

4500.3.3 / STICK (shear block assembly) / DOUBLE GLAZED / 8" BACK MEMBER

Revisions By:

CAL

U.S. ALUMINUM

C.R. LAURENCE CO. ARCHITECTURAL PRODUCTS
2303 E. Vernon Avenue, Los Angeles, CA 90058-1897
PH (800) 421-6144 FX 800-587-7501 www.crlaurence.com

Discription:
U.S. ALUMINUM
CURTAIN WALL SERIES
4500 / 4500SG
SYSTEM DRAWINGS

Drawn By: RPD
Date: 06/17/15
Scale: AS NOTED
File Name: 4500.dwg
Sheet

4500.3.3

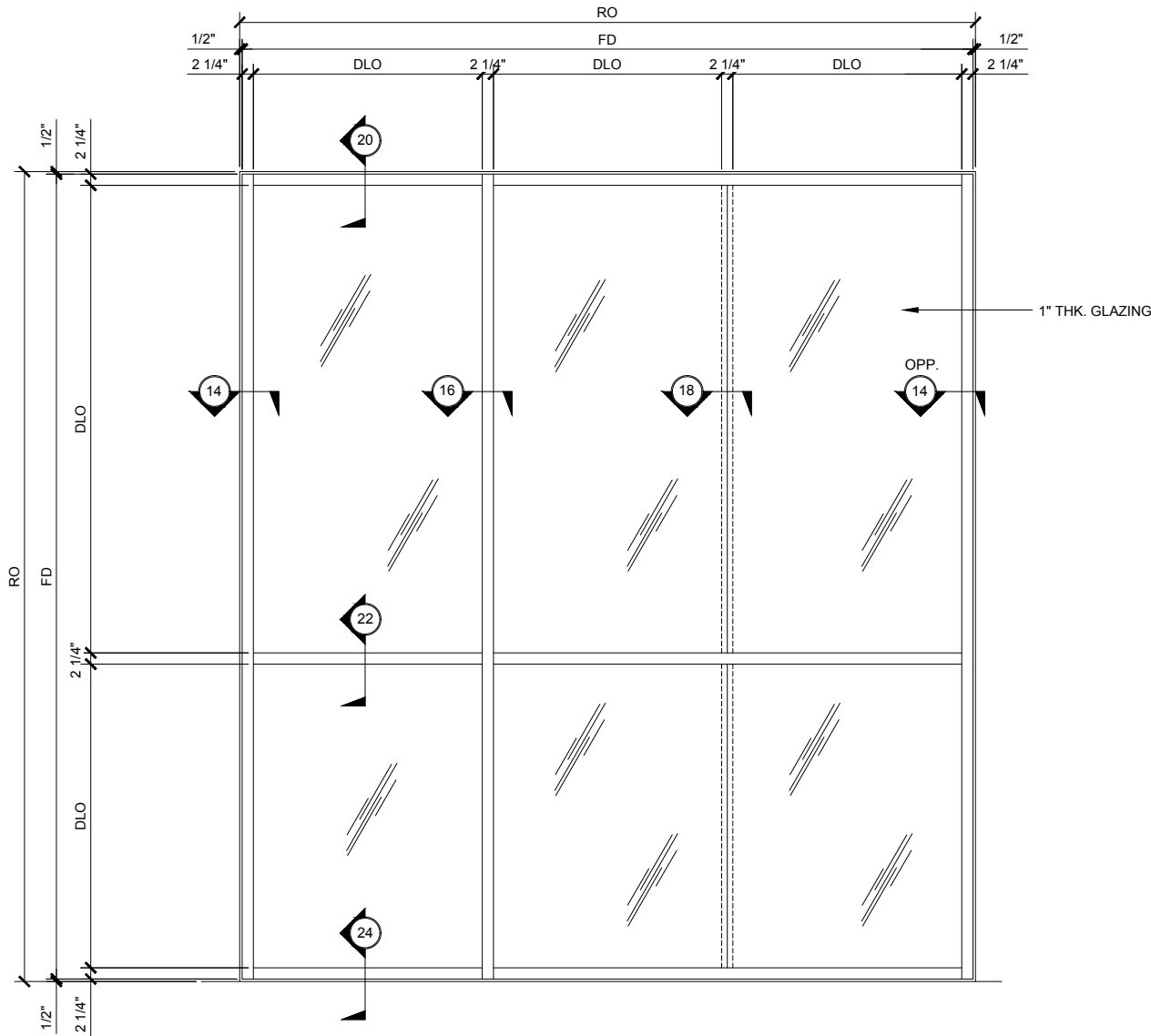
STANDARD ABBREVIATIONS

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

Revisions By:

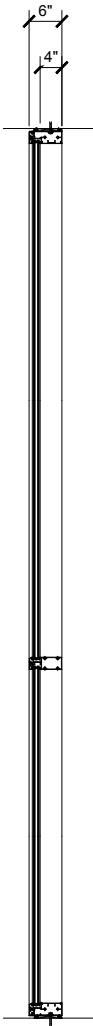


C.R.LAURENCE CO. ARCHITECTURAL PRODUCTS
2303 E. Vernon Avenue, Los Angeles, CA 90058-1897
PH (800) 421-6144 FX 800-587-750 | www.crlaurence.com



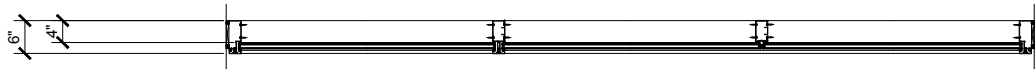
TYPICAL CURTAIN WALL ELEVATION

SCREW RACE 3/4" =1'-0"
1" THICK DOUBLE GLAZED
4" BACK MEMBER



TYPICAL CURTAIN WALL SECTION

3/4" =1'-0"



TYPICAL CURTAIN WALL PLAN

3/4" =1'-0"

CURTAIN WALL SERIES 4500 / 4500SG

4500.4.1 / PANEL (screw race) / DOUBLE GLAZED / 4" BACK MEMBER

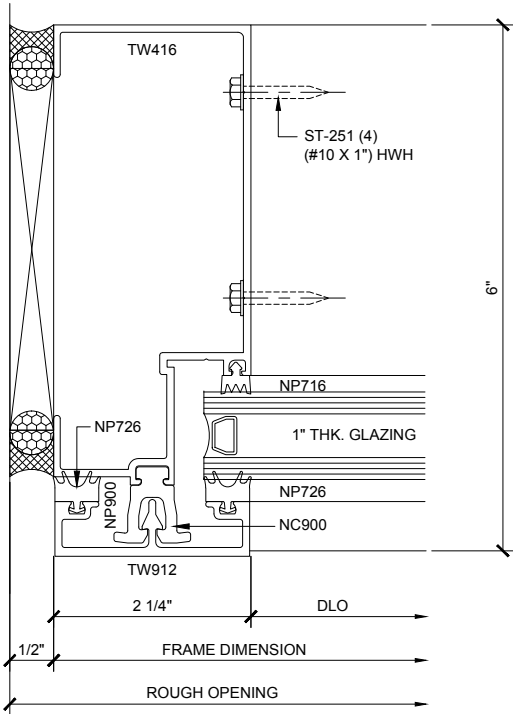
Discription:
U.S. ALUMINUM
CURTAIN WALL SERIES
4500 / 4500SG
SYSTEM DRAWINGS

Drawn By: RPD
Date: 06/17/15
Scale: AS NOTED
File Name: 4500.dwg

Sheet

4500.4.1

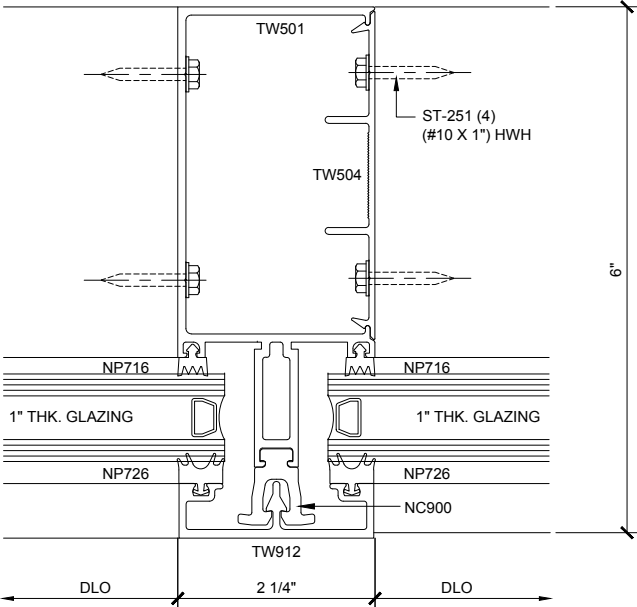
U.S. ALUMINUM CURTAIN WALL SERIES 4500 / 4500SG SYSTEM



JAMB PLAN

14

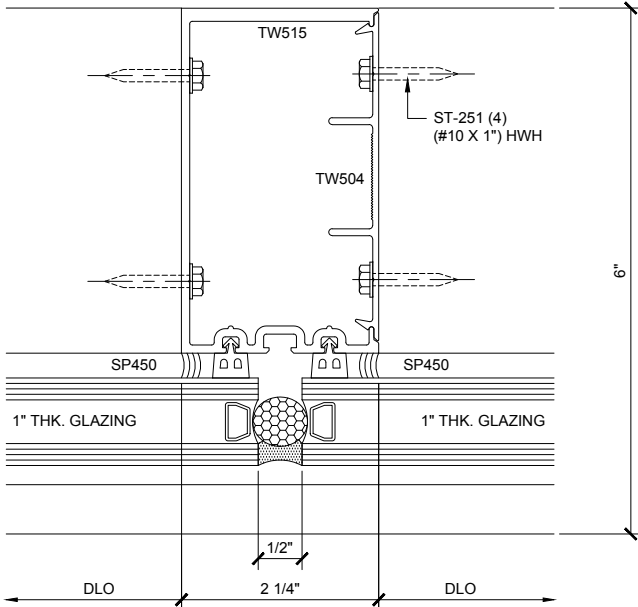
4500.4.2.14
PANEL (SCREW RACE ASSEMBLY)
DOUBLE GLAZED / 4" BACK MEMBER



INT. VERT. PLAN

16

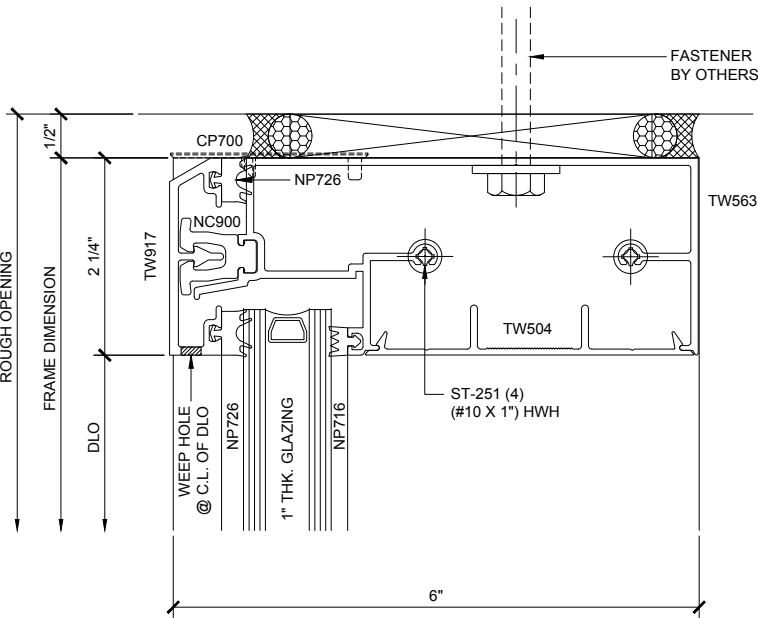
4500.4.2.16
PANEL (SCREW RACE ASSEMBLY)
DOUBLE GLAZED / 4" BACK MEMBER



INT. VERT. PLAN

18

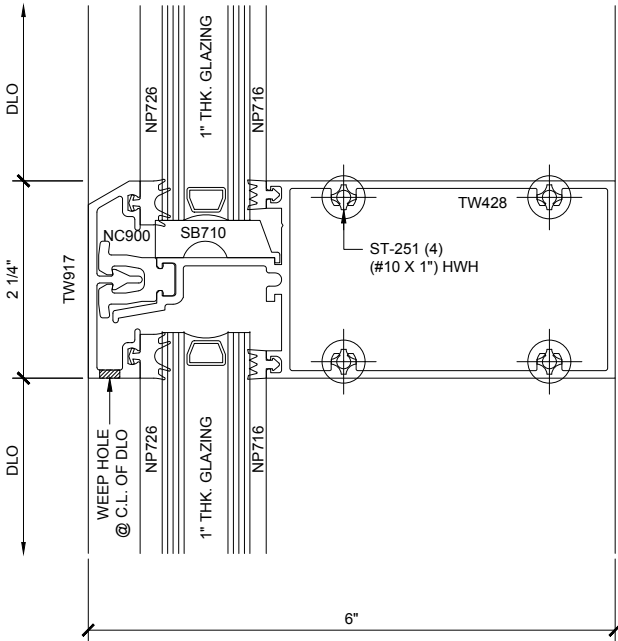
4500.4.2.18
PANEL (SCREW RACE ASSEMBLY)
DOUBLE GLAZED / 4" BACK MEMBER



HEAD SECTION

20

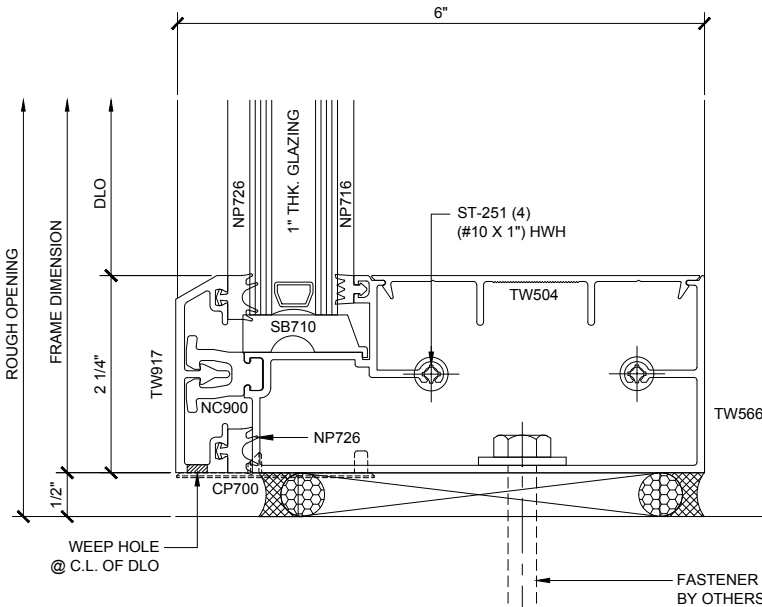
4500.4.2.20
PANEL (SCREW RACE ASSEMBLY)
DOUBLE GLAZED / 4" BACK MEMBER



INT. HOR. SECTION

22

4500.4.2.22
PANEL (SCREW RACE ASSEMBLY)
DOUBLE GLAZED / 4" BACK MEMBER



SILL SECTION

24

4500.4.2.24
PANEL (SCREW RACE ASSEMBLY)
DOUBLE GLAZED / 4" BACK MEMBER

CURTAIN WALL SERIES 4500 / 4500SG DETAILS

4500.4.2 / PANEL (screw race assembly) / DOUBLE GLAZED / 4" BACK MEMBER

Revisions By:

CAL ALUMINUM
C.R. LAURENCE CO. ARCHITECTURAL PRODUCTS
2303 E. Vernon Avenue, Los Angeles, CA 90058-1897
PH (800) 421-6144 FX 800-587-7501 www.crlaurence.com

Discription:
U.S. ALUMINUM
CURTAIN WALL SERIES
4500 / 4500SG
SYSTEM DRAWINGS

Drawn By: RPD
Date: 06/17/15
Scale: AS NOTED
File Name: 4500.dwg
Sheet

4500.4.2

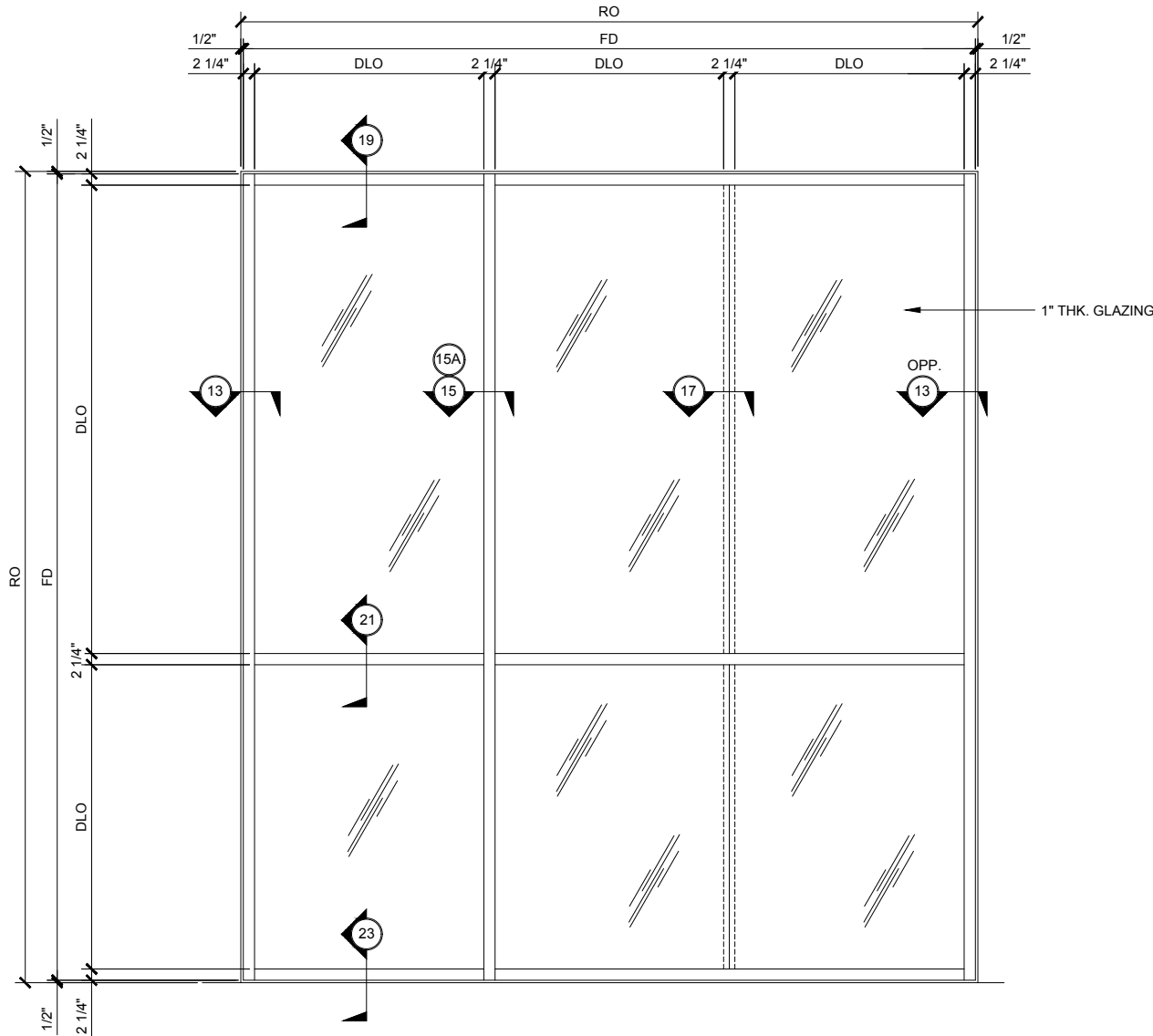
STANDARD ABBREVIATIONS

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

Revisions By:

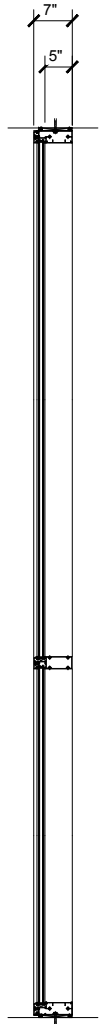


C.R.LAURENCE CO. ARCHITECTURAL PRODUCTS
2303 E. Vernon Avenue, Los Angeles, CA 90058-1897
PH (800) 421-6144 FX 800-587-750 | www.crlaurence.com



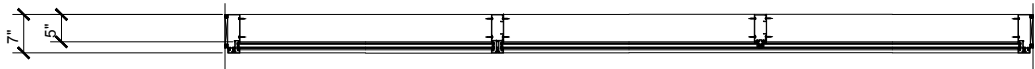
TYPICAL CURTAIN WALL ELEVATION

SCREW RACE 3/4" =1'-0"
1" THICK DOUBLE GLAZED
5" BACK MEMBER



TYPICAL CURTAIN WALL SECTION

3/4" =1'-0"



TYPICAL CURTAIN WALL PLAN

3/4" =1'-0"

CURTAIN WALL SERIES 4500 / 4500SG

4500.5.1 / PANEL (screw race) / DOUBLE GLAZED / 5" BACK MEMBER

Discription:

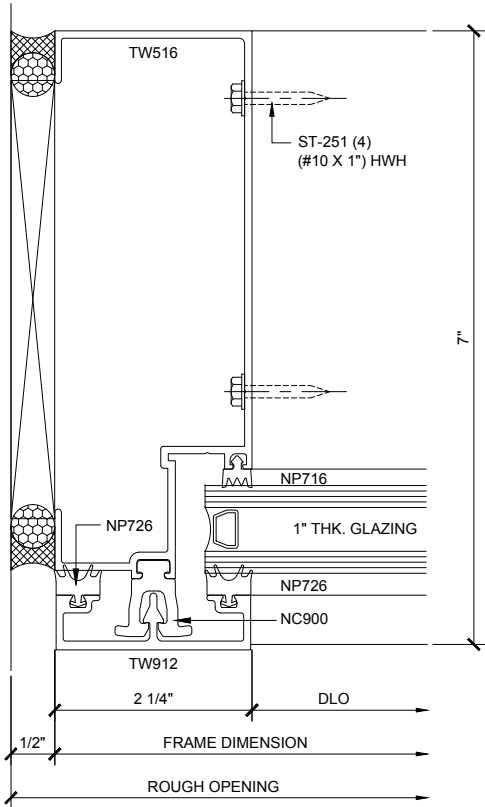
U.S. ALUMINUM
CURTAIN WALL SERIES
4500 / 4500SG
SYSTEM DRAWINGS

Drawn By: RPD
Date: 06/17/15
Scale: AS NOTED
File Name: 4500.dwg

Sheet

4500.5.1

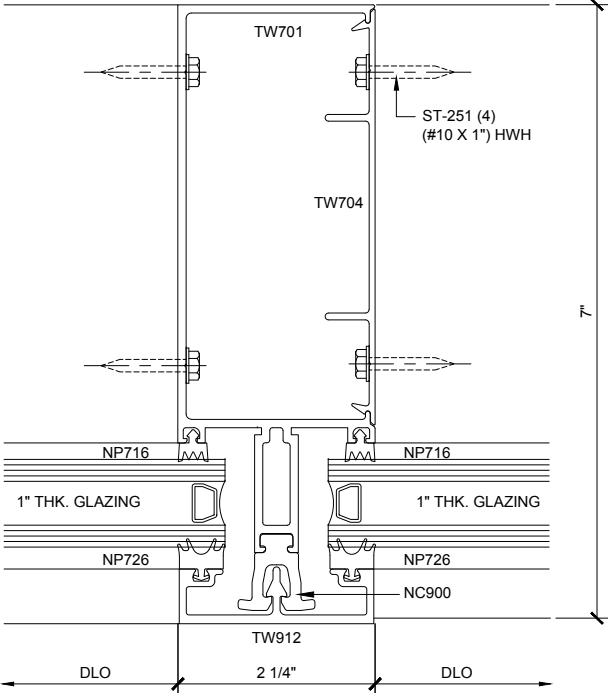
U.S. ALUMINUM CURTAIN WALL SERIES 4500 / 4500SG SYSTEM



JAMB PLAN

13

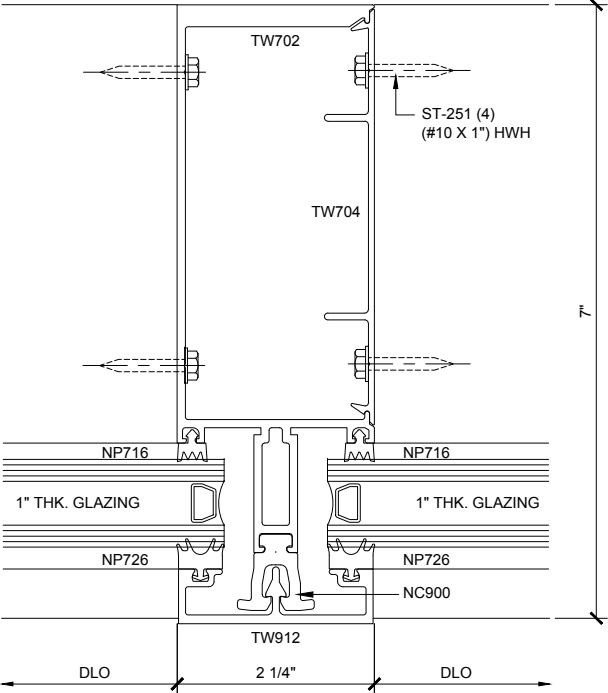
4500.5.2.13
PANEL (SCREW RACE ASSEMBLY)
DOUBLE GLAZED / 5" BACK MEMBER



INT. VERT. PLAN

15

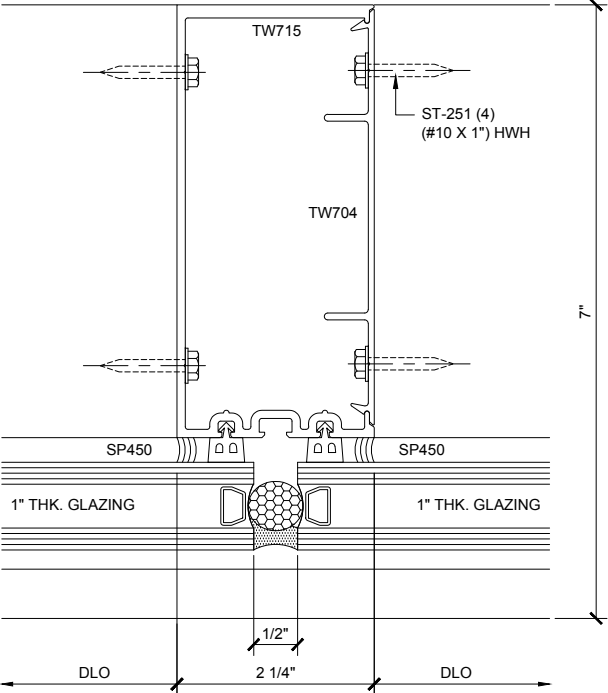
4500.5.2.15
PANEL (SCREW RACE ASSEMBLY)
DOUBLE GLAZED / 5" BACK MEMBER



INT. VERT. PLAN

15A

4500.5.2.15A
PANEL (SCREW RACE ASSEMBLY)
DOUBLE GLAZED / 5" BACK MEMBER



INT. VERT. PLAN

17

4500.5.2.17
PANEL (SCREW RACE ASSEMBLY)
DOUBLE GLAZED / 5" BACK MEMBER

CURTAIN WALL SERIES 4500 / 4500SG DETAILS

4500.5.2 / PANEL (screw race assembly) / DOUBLE GLAZED / 5" BACK MEMBER

Revisions By:

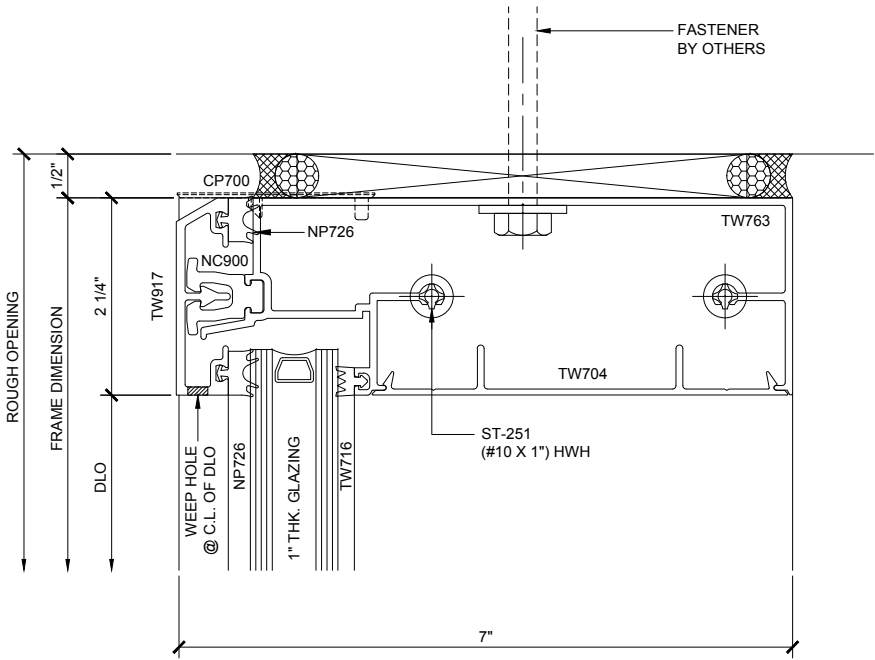


U.S. ALUMINUM
CURTAIN WALL SERIES
4500 / 4500SG
SYSTEM DRAWINGS

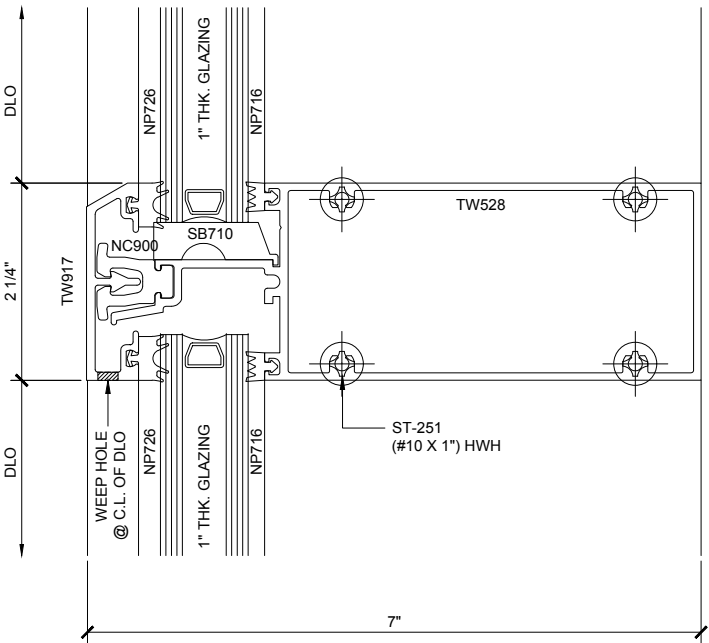
Drawn By: RPD
Date: 06/17/15
Scale: AS NOTED
File Name: 4500.dwg
Sheet

4500.5.2

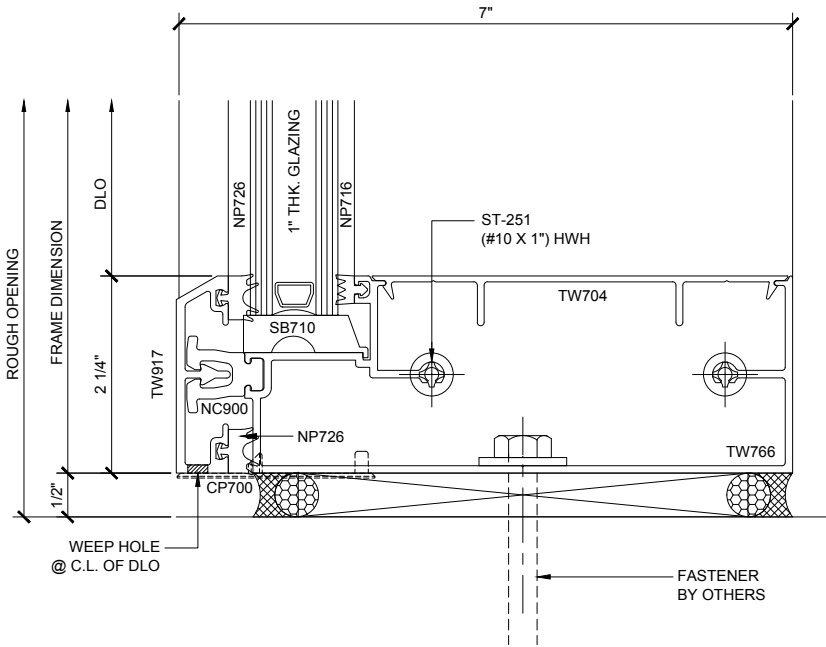
U.S. ALUMINUM CURTAIN WALL SERIES 4500 / 4500SG SYSTEM



HEAD SECTION 19
4500.5.3.19
PANEL (SCREW RACE ASSEMBLY)
DOUBLE GLAZED / 5" BACK MEMBER



INT. HOR. SECTION 21
4500.5.3.21
PANEL (SCREW RACE ASSEMBLY)
DOUBLE GLAZED / 5" BACK MEMBER



SILL SECTION 23
4500.5.3.23
PANEL (SCREW RACE ASSEMBLY)
DOUBLE GLAZED / 5" BACK MEMBER

CURTAIN WALL SERIES 4500 / 4500SG DETAILS

4500.5.3 / PANEL (screw race assembly) / DOUBLE GLAZED / 5" BACK MEMBER

Revisions By:



C.R. LAURENCE CO. ARCHITECTURAL PRODUCTS
2503 E. Vernon Avenue, Los Angeles, CA 90058-1897
PH (800) 421-6144 FX 800-587-7501 www.crlaurence.com

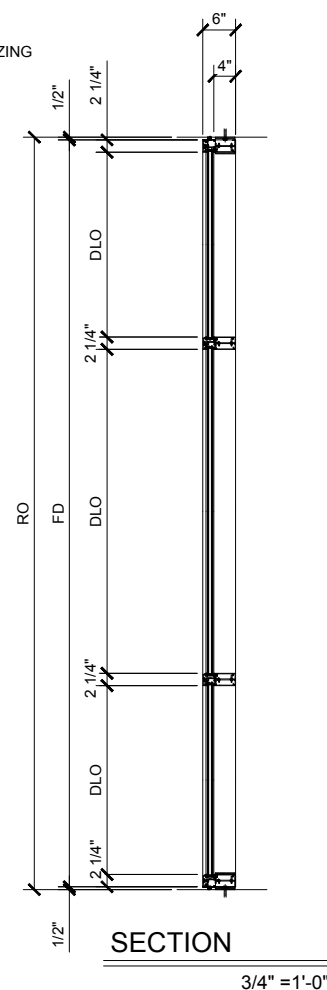
Discription:

U.S. ALUMINUM
CURTAIN WALL SERIES
4500 / 4500SG
SYSTEM DRAWINGS

Drawn By: RPD
Date: 06/17/15
Scale: AS NOTED
File Name: 4500.dwg
Sheet

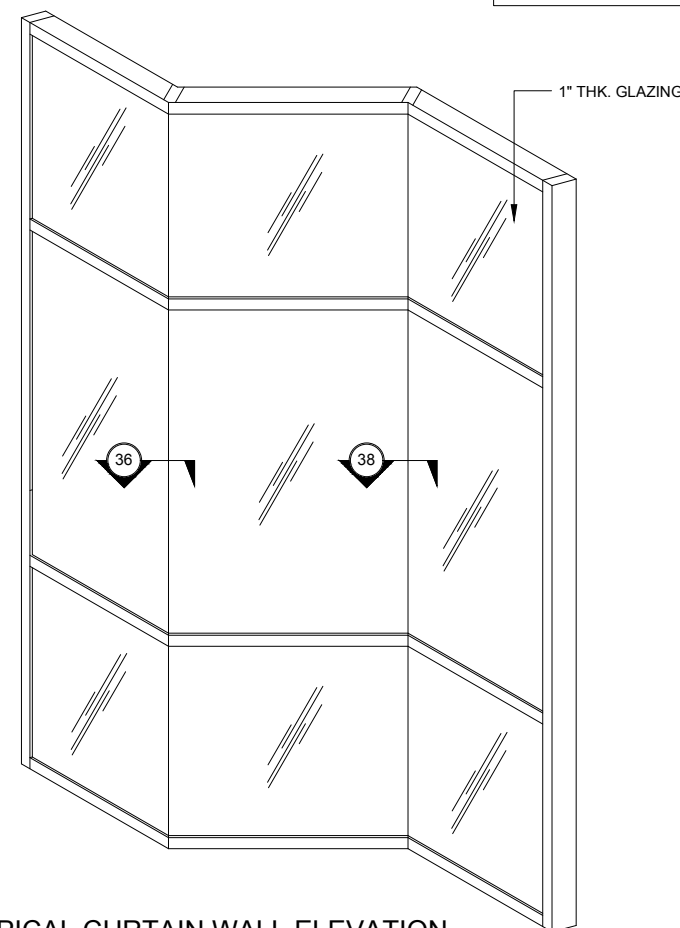
4500.5.3

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



TYPICAL CURTAIN WALL ELEVATION

CAPTURED 90° CORNERS 3/4" = 1'-0"
1" THICK DOUBLE GLAZED
4" BACK MEMBER

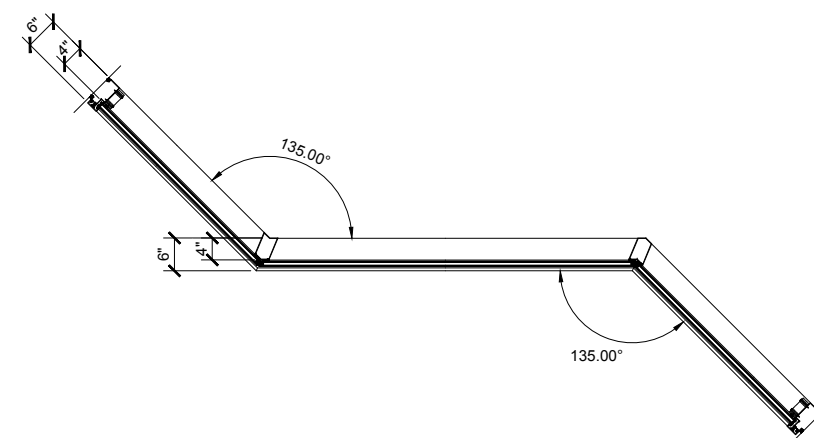


TYPICAL CURTAIN WALL ELEVATION

BUTT GLAZED 135° CORNERS 3/4" = 1'-0"

1" THICK DOUBLE GLAZED

4" BACK MEMBER



TYPICAL CURTAIN WALL PLAN

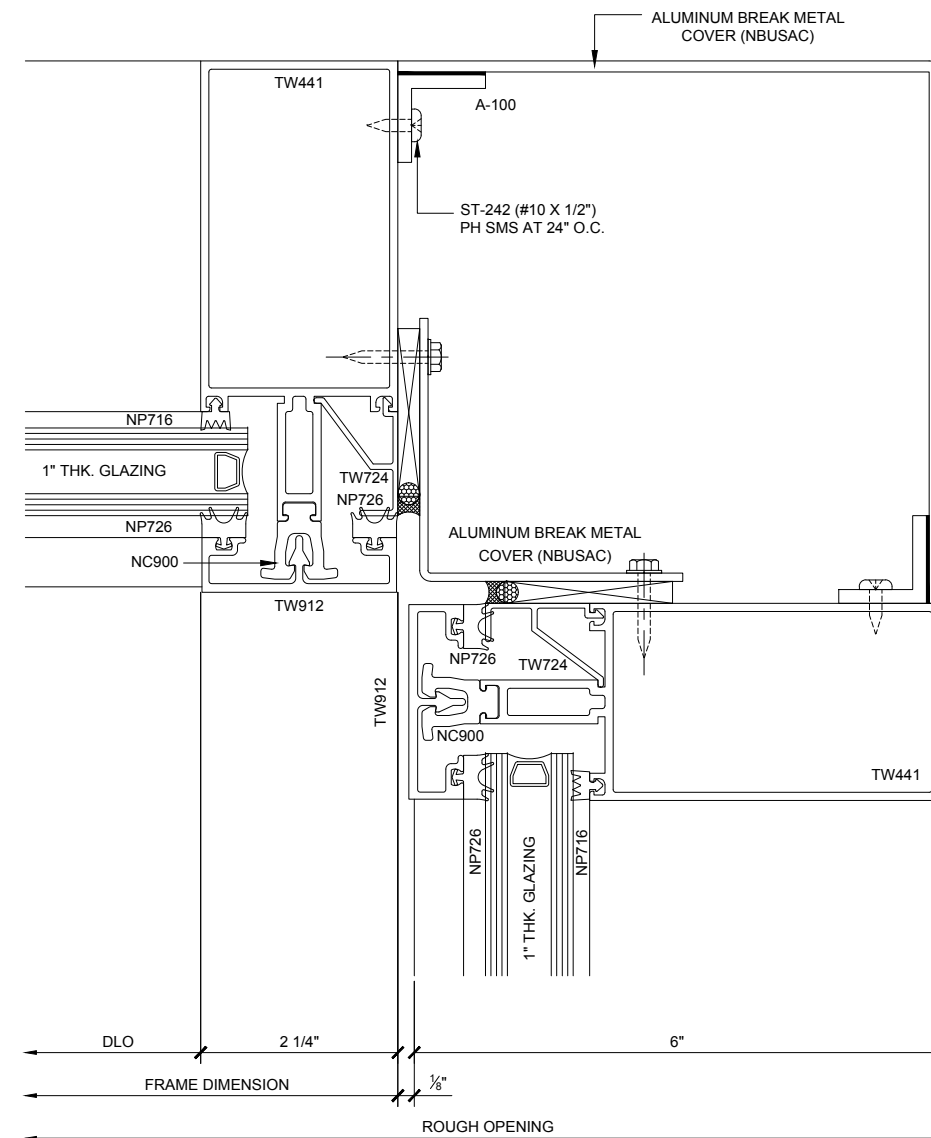
BUTT GLAZED 135° CORNERS 3/4" = 1'-0"

4500.6.1 / CORNER ELEVATIONS / DOUBLE GLAZED / 4" BACK MEMBER

Technical drawing of a window frame cross-section. The drawing shows a frame with a diagonal mullion. Key components and dimensions are labeled:

- Dimensions:**
 - Overall width: 6"
 - Overall height: 6"
 - Frame width (bottom left): 4"
 - Frame depth (bottom right): DLO
- Components and Labels:**
 - Glazing:** 1" THK. GLAZING (top and bottom).
 - Frame Profiles:** NP726, NP716, NC900, TW818, TW719, TW420.
 - Internal Features:** A diagonal mullion is shown with a cross-hatched section.

4500.6.2.26
DOUBLE GLAZED / 4" BACK MEMBER



4500.6.2.28
DOUBLE GLAZED / 4" BACK MEMBER

4500.6.2 / CORNER DETAILS / DOUBLE GLAZED / 4" BACK MEMBER

4500.6.2

Technical drawing of a window frame cross-section. The drawing shows a frame with a sloped top rail and a horizontal bottom rail. The frame is labeled with dimensions and components.

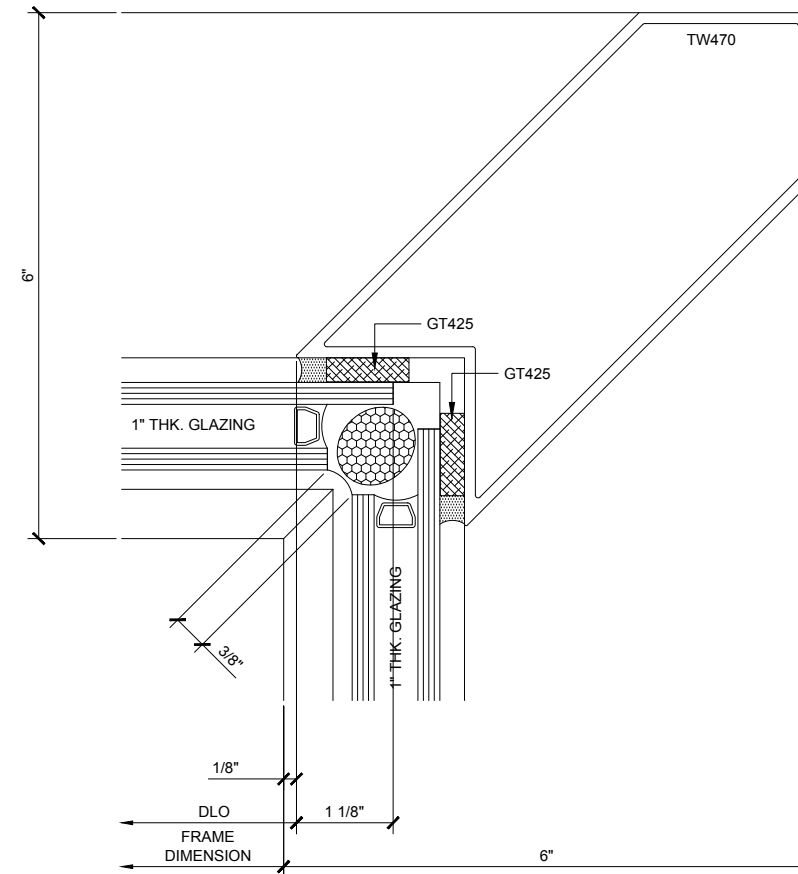
Dimensions:

- Top horizontal dimension: 6"
- Right vertical dimension: 6"
- Bottom horizontal dimension: 4"
- Bottom horizontal dimension: 1 5/16"
- Bottom horizontal dimension: 2 11/16"
- Bottom horizontal dimension: DLO (Distance to Line of Opening)
- Bottom horizontal dimension: FRAME DIMENSION
- Bottom horizontal dimension: ROUGH OPENING
- Bottom horizontal dimension: 3/4"

Components and Labels:

- 1" THK. GLAZING (Top and Bottom)
- TW470 (Top rail)
- GT425 (Glass to frame gasket)
- GT425 (Glass to frame gasket)
- 1" THK. GLAZING (Bottom)

4500.6.3.32
DOUBLE GLAZED / 4" BACK MEMBER



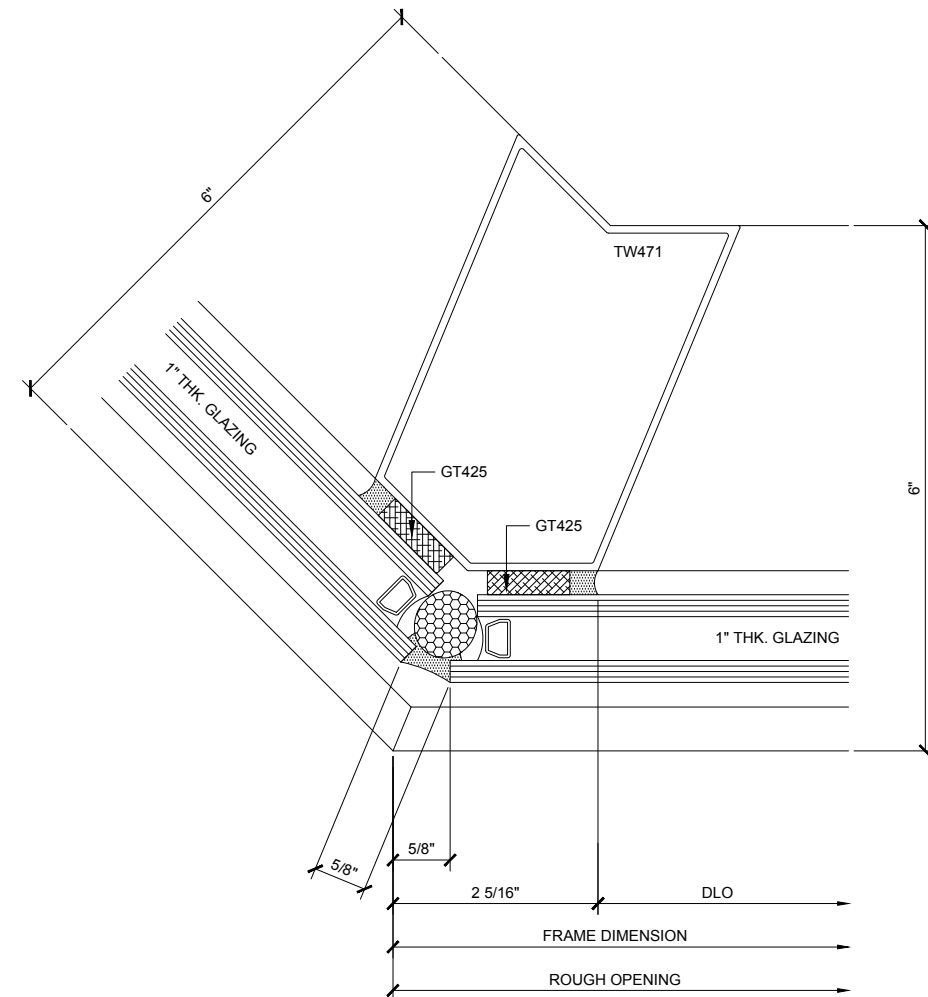
4500.6.3.34
DOUBLE GLAZED / 4" BACK MEMBER

4500.6.3 / CORNER DETAILS / DOUBLE GLAZED / 4" BACK MEMBER

CAL
ALUMINUM

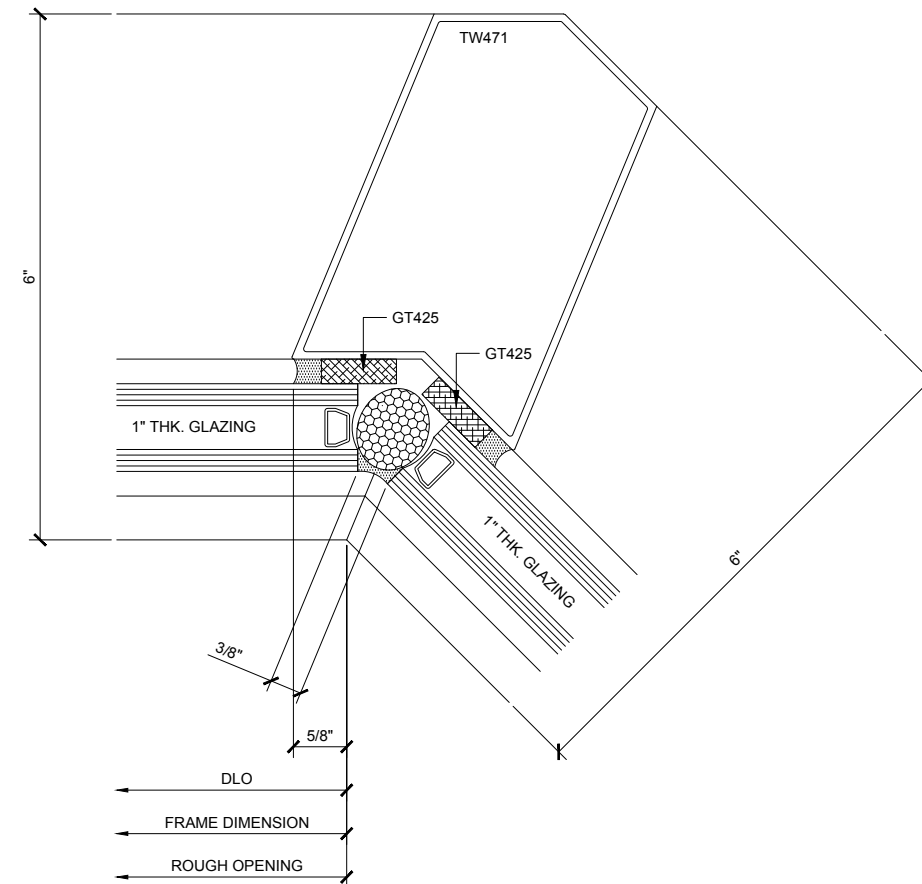
C.R. LAURENCE CO. ARCHITECTURAL PRODUCTS
2505 E. Verrion Avenue, Los Angeles, CA 90058-1897
PH (800)-421-6144 FX: 800-587-7501 www.crlaurence.com

4500.6.3



EXT. CORNER PLAN (36)

4500.6.4.36
DOUBLE GLAZED / 4" BACK MEMBER



INT. CORNER PLAN (38)

4500.6.4.38
DOUBLE GLAZED / 4" BACK MEMBER

CURTAIN WALL SERIES 4500 / 4500SG DETAILS

4500.6.4 / CORNER DETAILS / DOUBLE GLAZED / 4" BACK MEMBER

Revisions By:

CAL
ALUMINUM

C.R. LAURENCE CO. ARCHITECTURAL PRODUCTS
2303 E. Vermont Avenue, Los Angeles, CA 90058-1897
PH (800) 421-6144 FX 800-587-7501 www.crlaurence.com

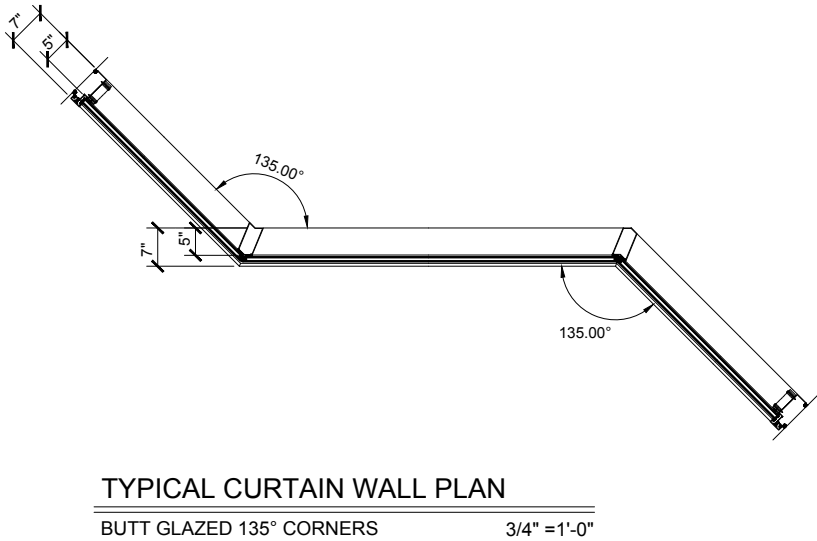
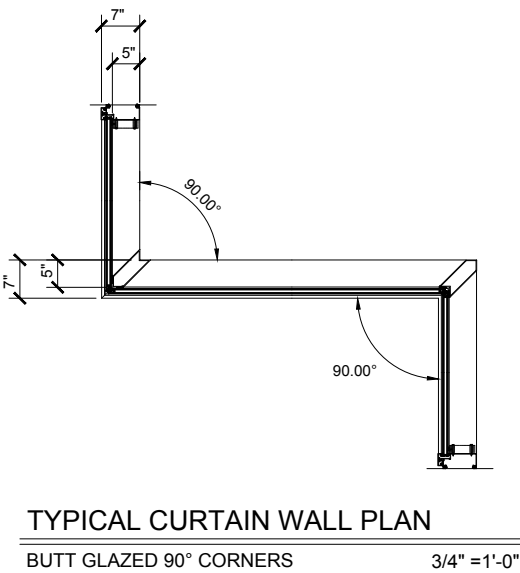
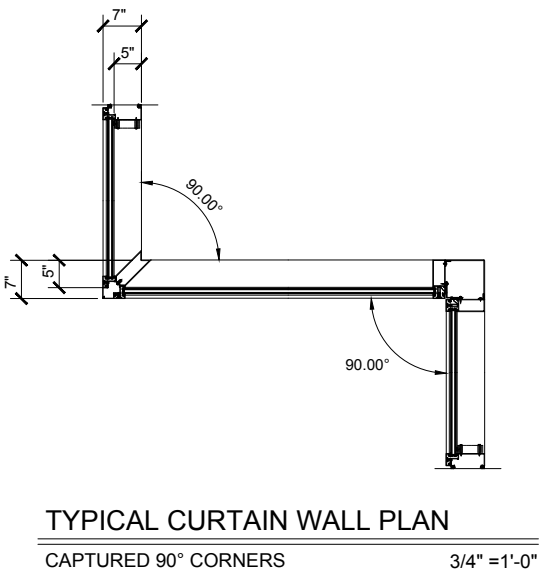
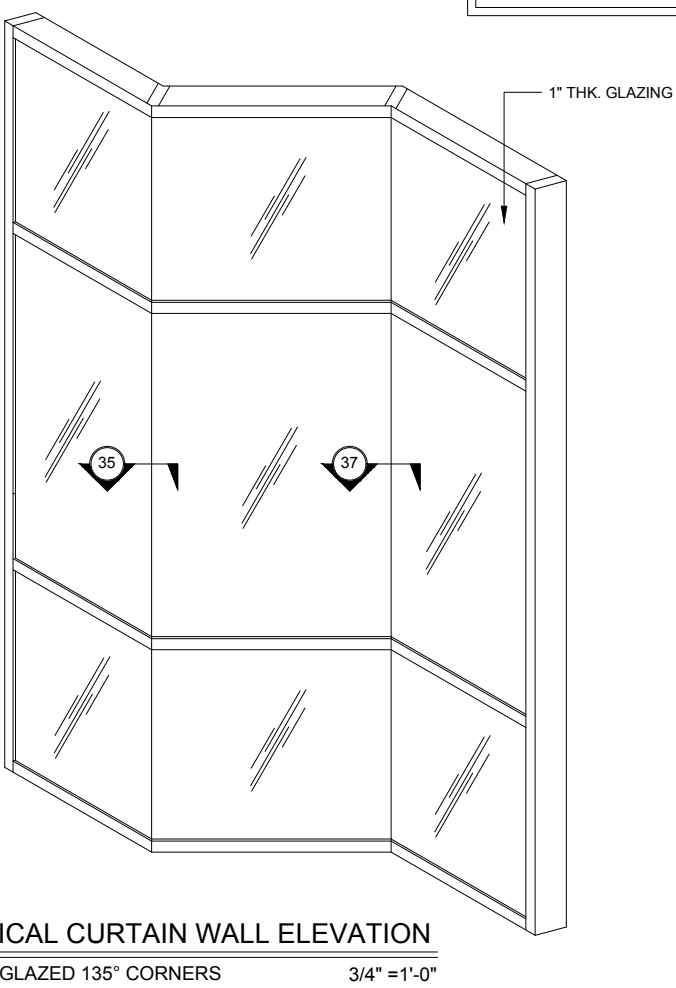
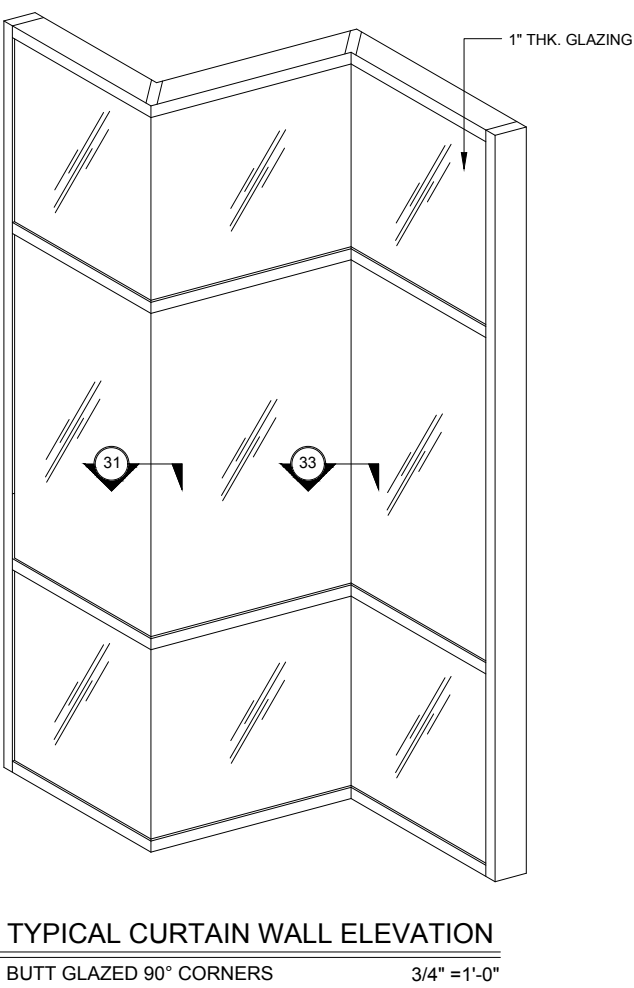
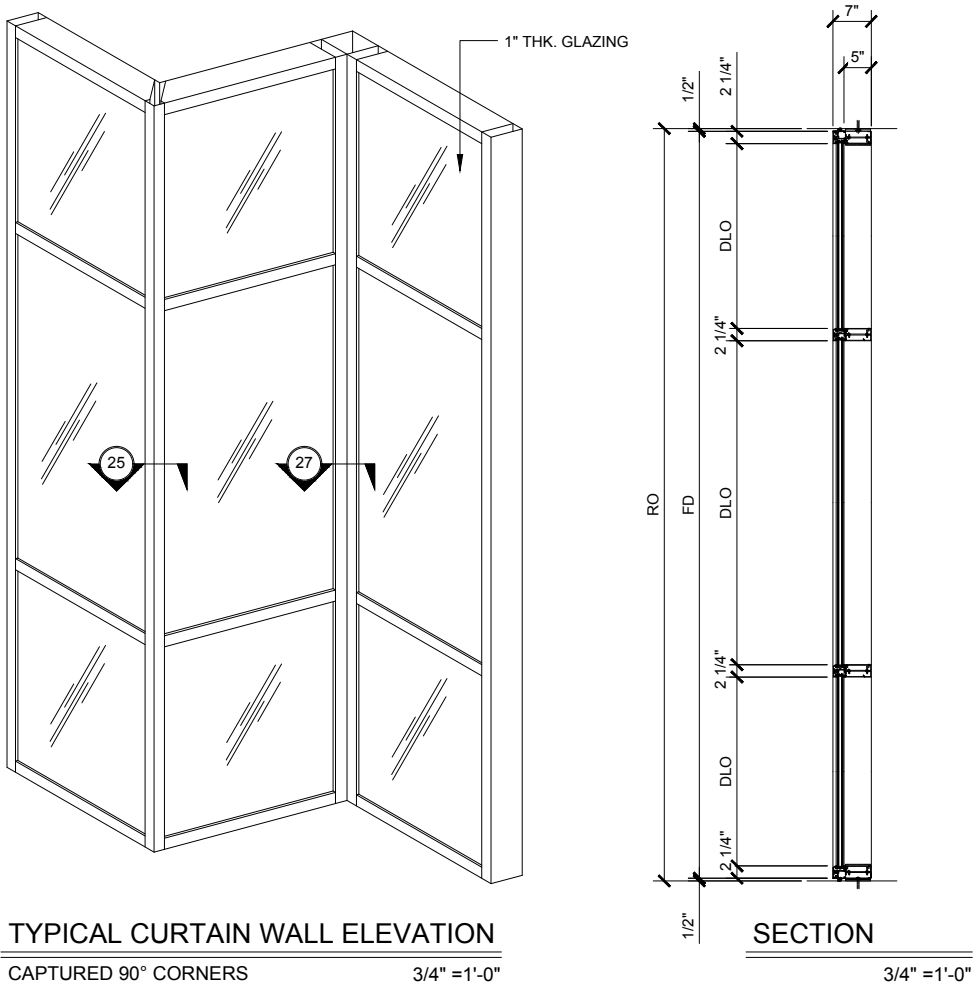
Description:
U.S. ALUMINUM
CURTAIN WALL SERIES
4500 / 4500SG
SYSTEM DRAWINGS

Drawn By:	RPD
Date:	06/17/15
Scale:	AS NOTED
File Name:	4500.dwg
Sheet	

4500.6.4

U.S. ALUMINUM CURTAIN WALL SERIES 4500 /4500SG SYSTEM

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



Revisions By:

U.S. ALUMINUM

U.S. ALUMINUM CURTAIN WALL SERIES 4500 / 4500SG SYSTEM DRAWINGS

Discription:

Drawn By: RPD

Date: 06/17/15

Scale: AS NOTED

File Name: 4500.dwg

Sheet

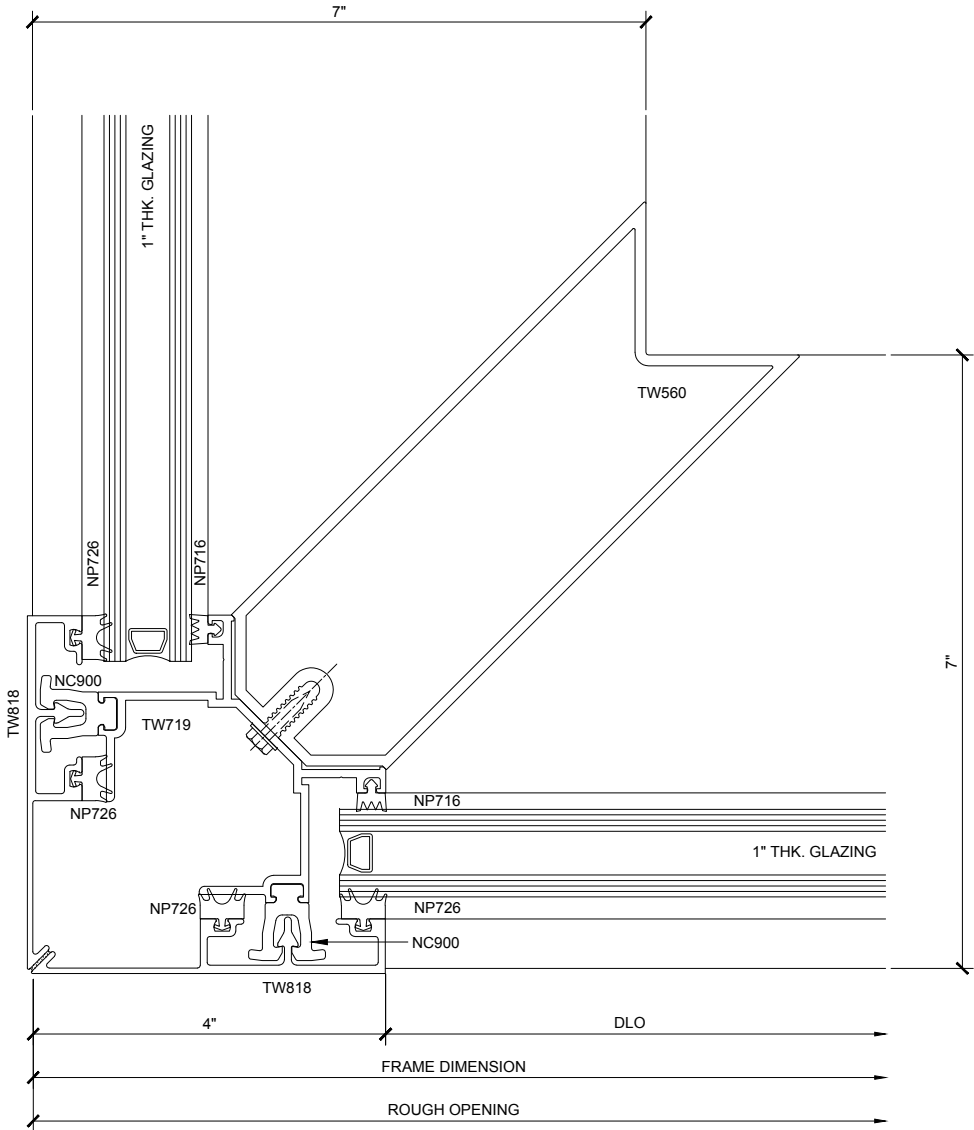
4500.7.1

U.S. ALUMINUM

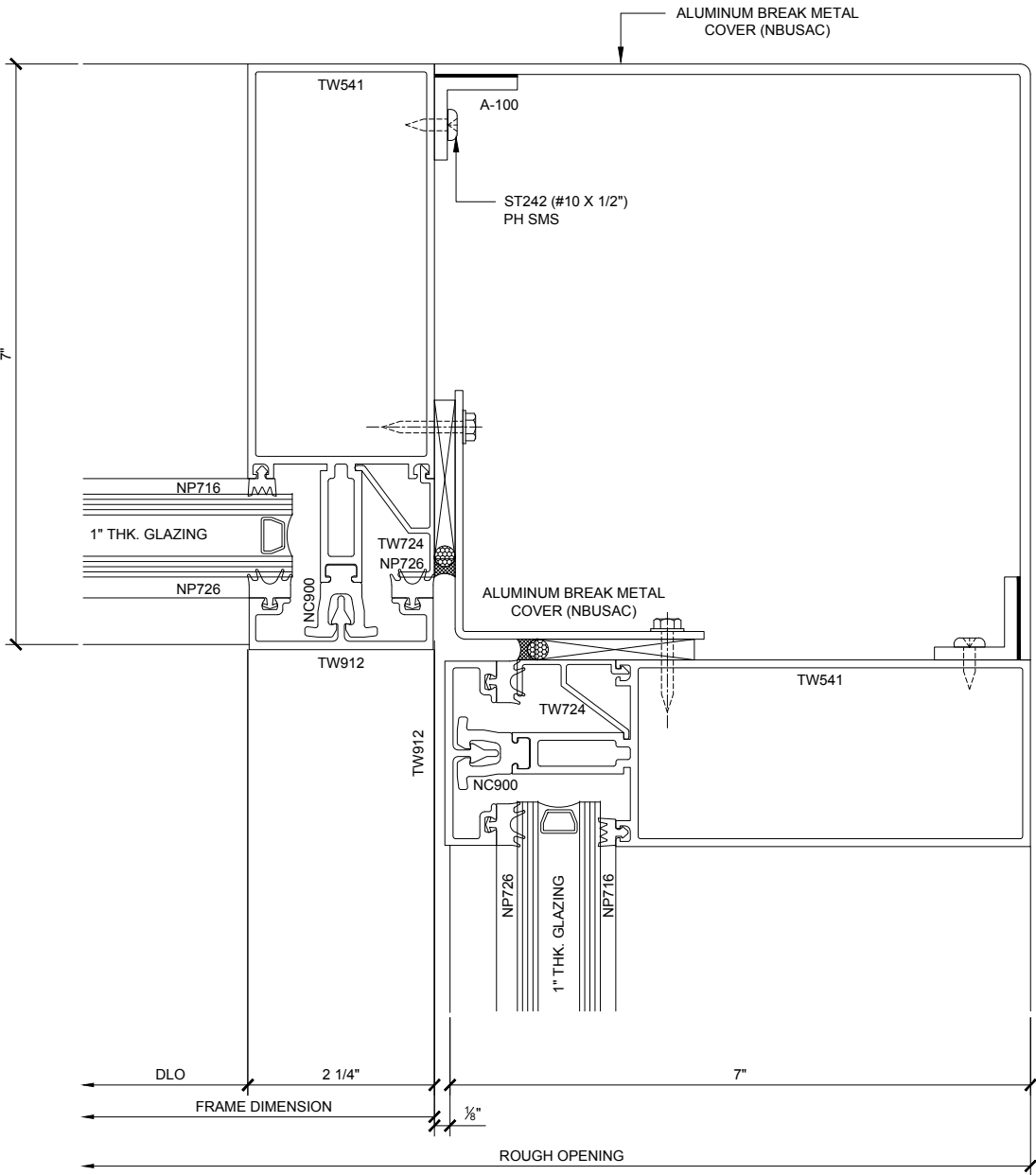
C.R.LAURENCE CO. ARCHITECTURAL PRODUCTS

2303 E. Vernon Avenue, Los Angeles, CA 90058-1897

PH (800) 421-6144 FX 800-587-7501 www.crlaurence.com



EXT. CORNER PLAN 25
4500.7.2.25
DOUBLE GLAZED / 5\"/>



INT. CORNER PLAN 27
4500.7.2.27
DOUBLE GLAZED / 5\"/>

CURTAIN WALL SERIES 4500 / 4500SG DETAILS

4500.7.2 / CORNER DETAILS / DOUBLE GLAZED / 5\"/>

Revisions By:

CAL

U.S. ALUMINUM

C.R.LAURENCE CO. ARCHITECTURAL PRODUCTS
2303 E. Vernon Avenue, Los Angeles, CA 90058-1897
PH (800) 421-6144 FX 800-587-7501 www.crlaurence.com

Discription:
U.S. ALUMINUM
CURTAIN WALL SERIES
4500 / 4500SG
SYSTEM DRAWINGS

Drawn By: RPD
Date: 06/17/15
Scale: AS NOTED
File Name: 4500.dwg
Sheet

4500.7.2

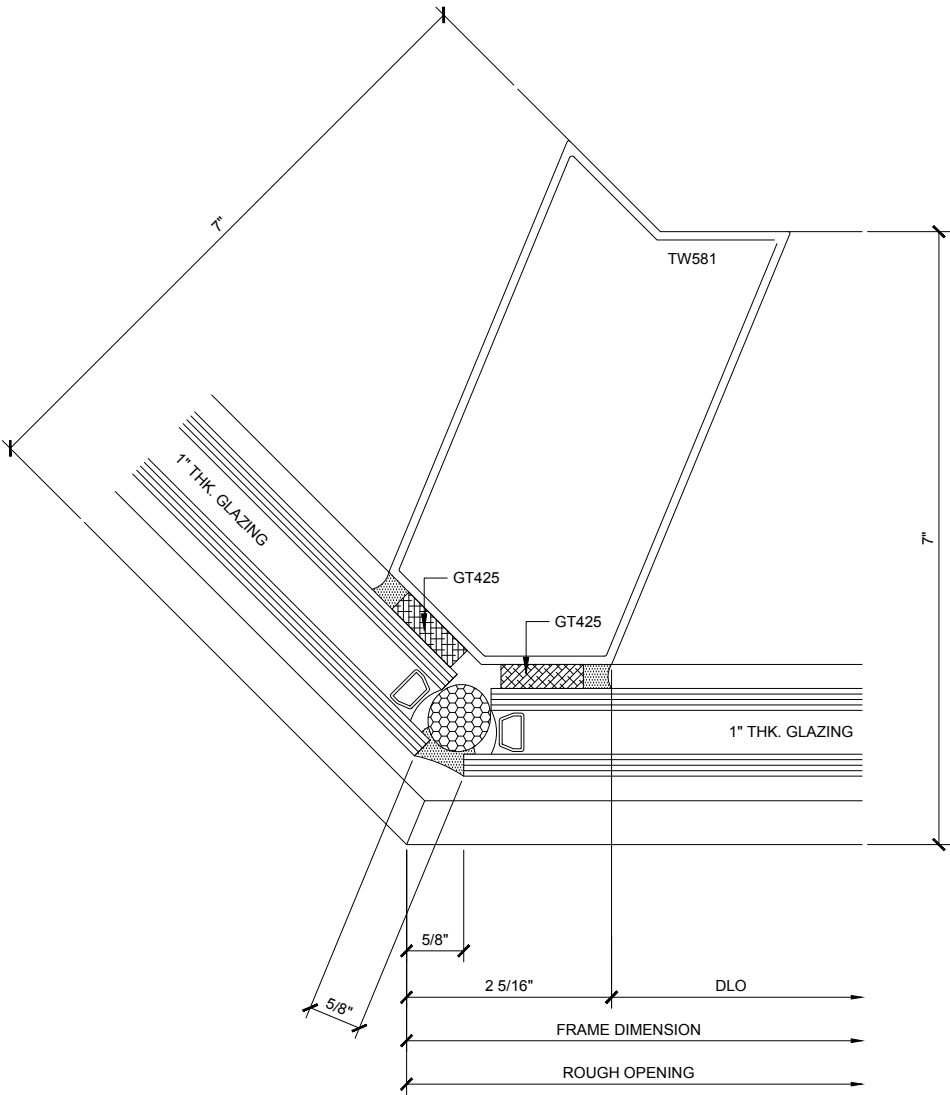
Revisions By:



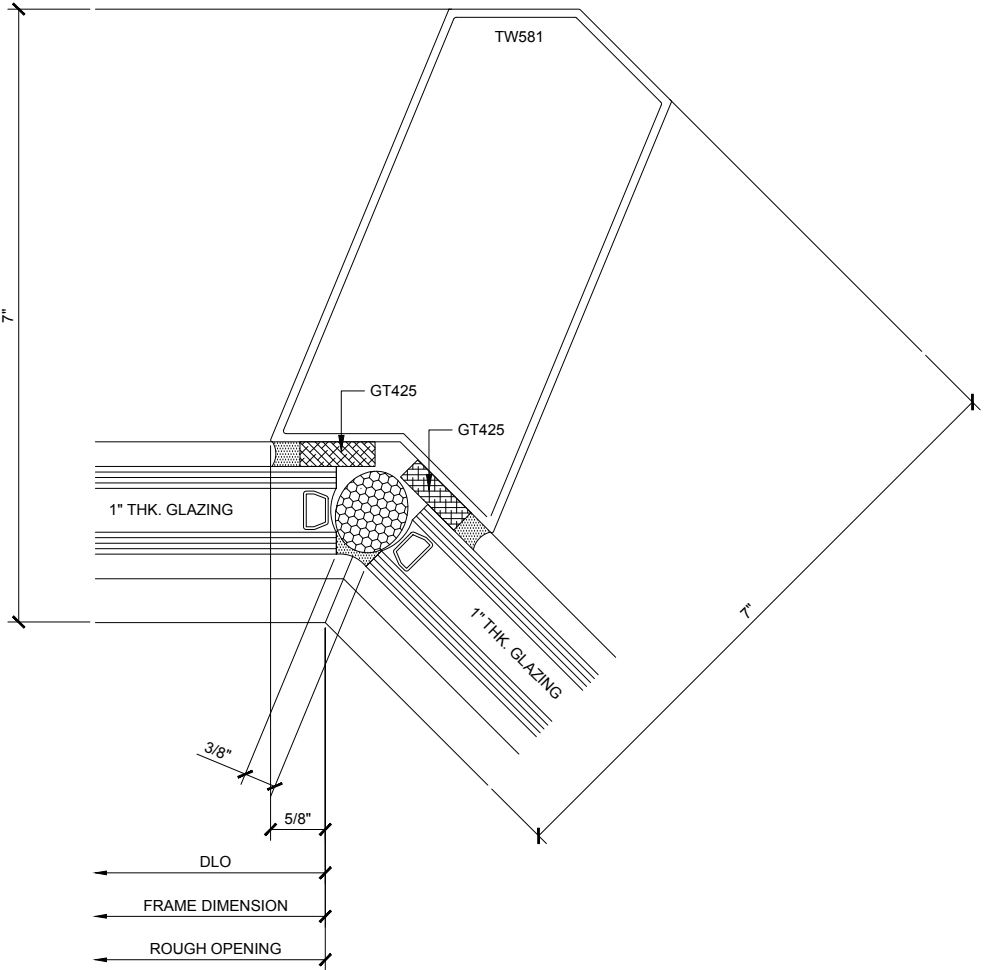
4500.7.3



4500.7.3 / CORNER DETAILS / DOUBLE GLAZED / 5" BACK MEMBER



EXT. CORNER PLAN 35
4500.7.4.35
DOUBLE GLAZED / 5" BACK MEMBER



INT. CORNER PLAN 37
4500.7.4.37
DOUBLE GLAZED / 5" BACK MEMBER

CURTAIN WALL SERIES 4500 / 4500SG DETAILS

4500.7.4 / CORNER DETAILS / DOUBLE GLAZED / 5" BACK MEMBER

Revisions By:

Discription:

U.S. ALUMINUM
CURTAIN WALL SERIES
4500 / 4500SG
SYSTEM DRAWINGS

Drawn By: RPD

Date: 06/17/15

Scale: AS NOTED

File Name: 4500.dwg

Sheet

4500.7.4

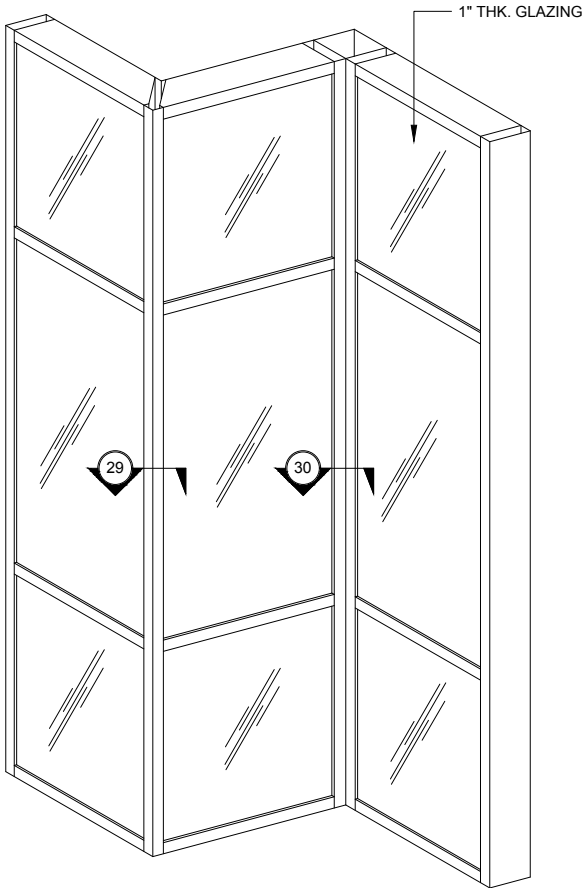
CAL

ALUMINUM

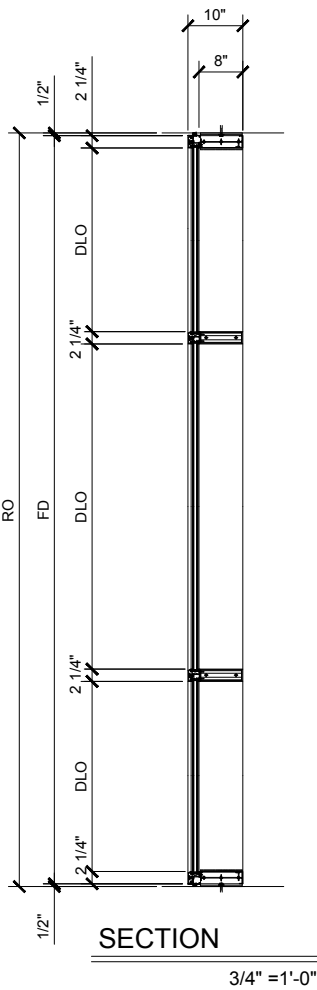
C.R.LAURENCE CO. ARCHITECTURAL PRODUCTS
2303 E. Vernon Avenue, Los Angeles, CA 90058-1897
PH (800) 421-6144 FX 800-587-7501 www.crlaurence.com

U.S. ALUMINUM CURTAIN WALL SERIES 4500 /4500SG SYSTEM

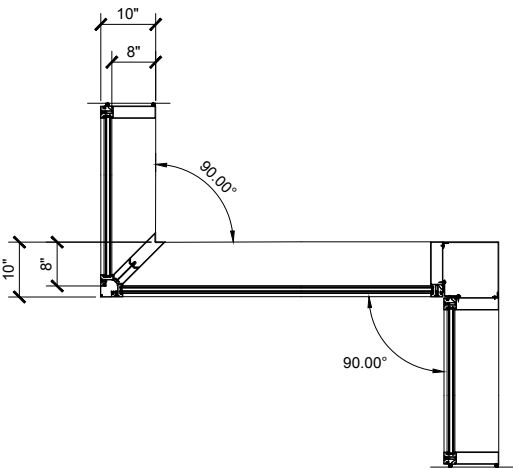
STANDARD ABBREVIATIONS	
RO	ROUGH OPENING
FD	FRAME DIMENSION
DLO	DAYLIGHT OPENING
DO	DOOR OPENING
DD	DOOR DIMENSION
SMC	SURFACE MOUNTED CLOSER
OHCC	OVERHEAD CONCEALED CLOSER



TYPICAL CURTAIN WALL ELEVATION
CAPTURED 90° CORNERS
1" THICK DOUBLE GLAZED
8" BACK MEMBER
3/4" = 1'-0"



SECTION
3/4" = 1'-0"



TYPICAL CURTAIN WALL PLAN
CAPTURED 90° CORNERS
3/4" = 1'-0"

Revisions By:

U.S. ALUMINUM

ALUMINUM

C.R.LAURENCE CO. ARCHITECTURAL PRODUCTS

2303 E. Vernon Avenue, Los Angeles, CA 90058-1897

PH (800) 421-6144 FX 800-587-7501 www.crlaurence.com

Discription:

U.S. ALUMINUM
CURTAIN WALL SERIES
4500 / 4500SG
SYSTEM DRAWINGS

Drawn By: RPD

Date: 06/17/15

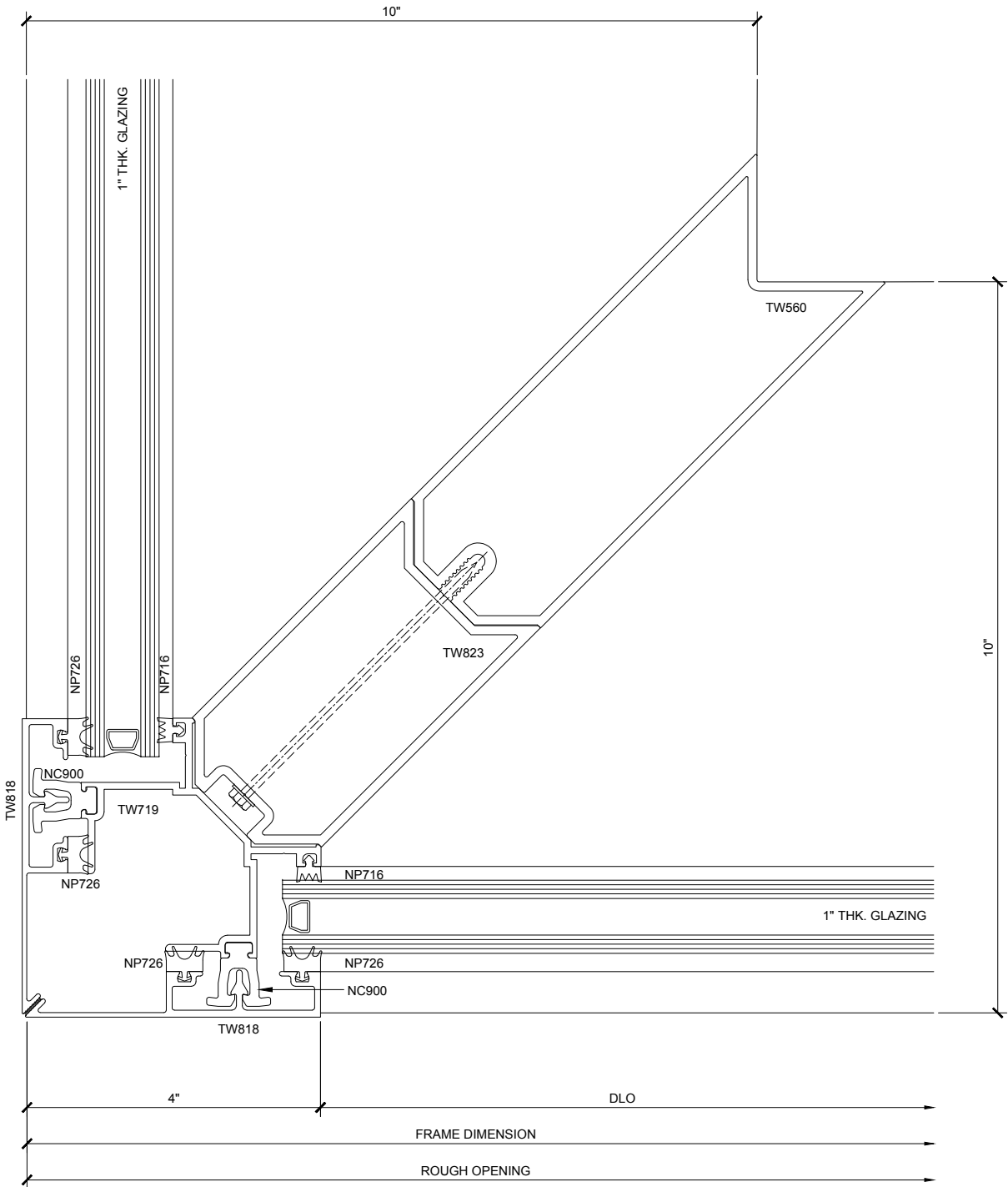
Scale: AS NOTED

File Name: 4500.dwg

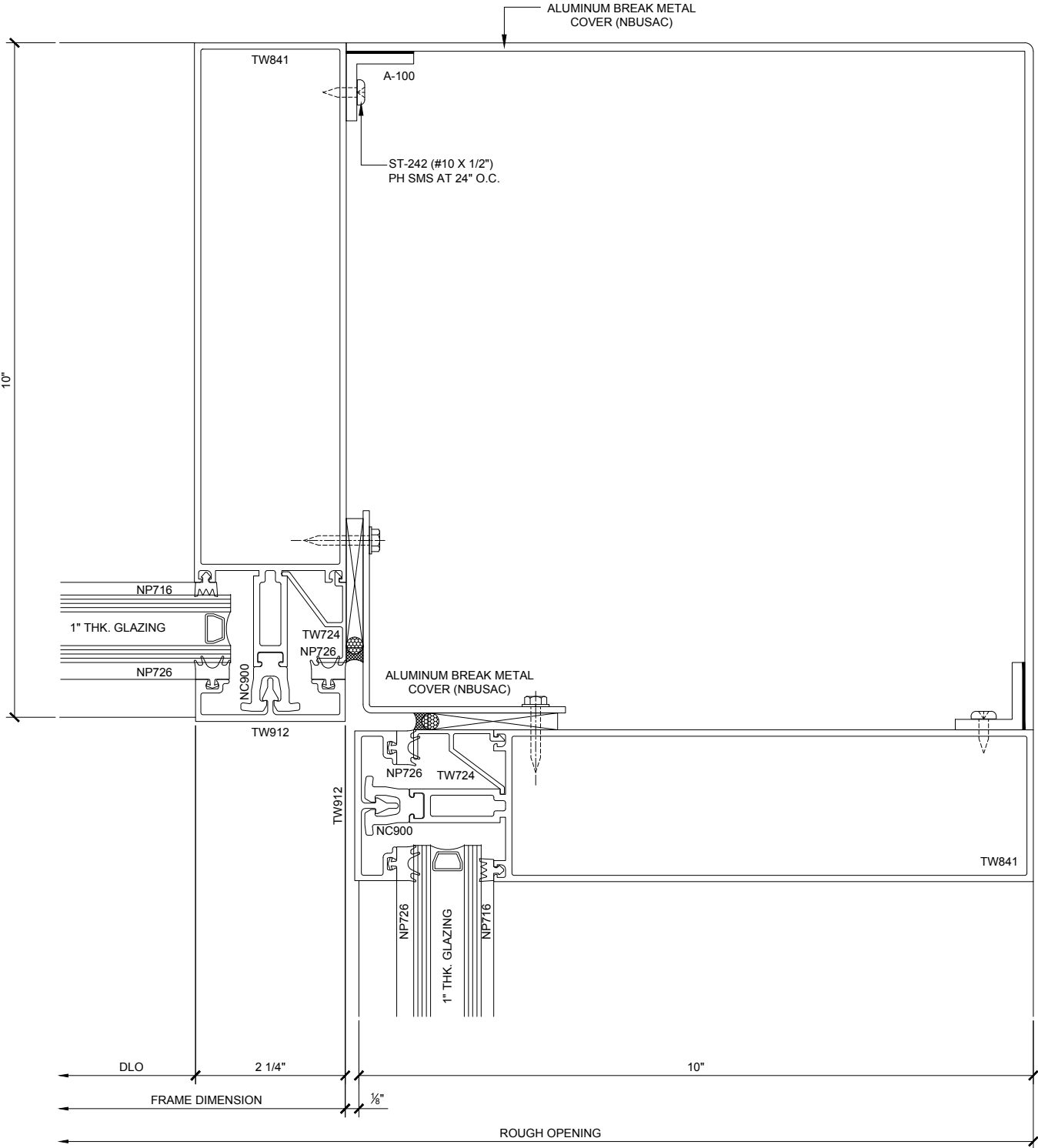
Sheet

4500.8.1

U.S. ALUMINUM CURTAIN WALL SERIES 4500 / 4500SG SYSTEM



EXT. CORNER PLAN 29
4500.8.2.29
DOUBLE GLAZED / 8" BACK MEMBER



INT. CORNER PLAN 30
4500.8.2.30
DOUBLE GLAZED / 8" BACK MEMBER

CURTAIN WALL SERIES 4500 / 4500SG DETAILS

4500.8.2 / CORNER DETAILS / DOUBLE GLAZED / 8" BACK MEMBER

Revisions By:

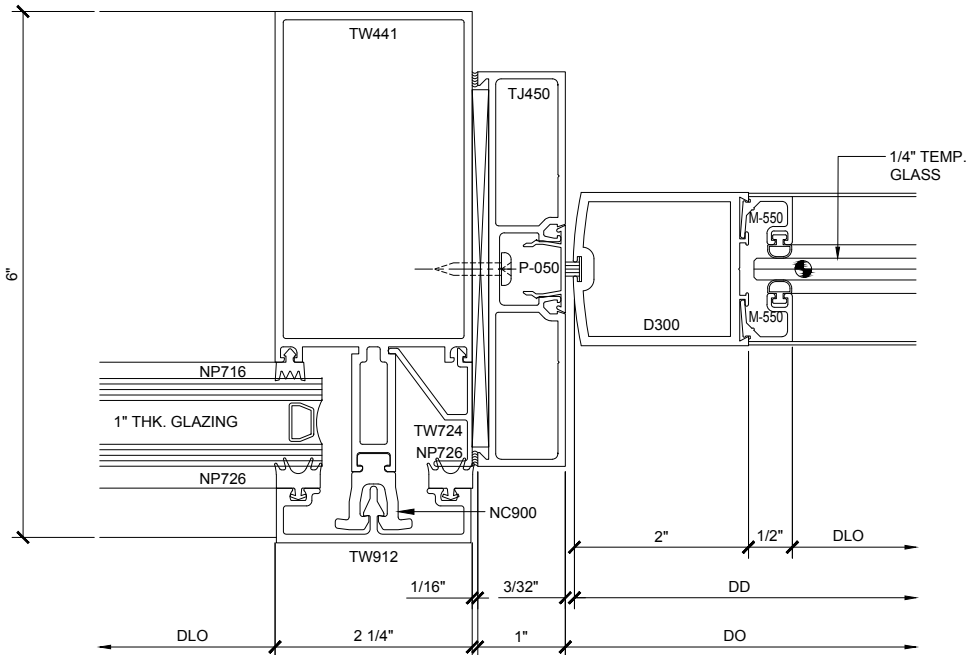
CAL
ALUMINUM
C.R. LAURENCE CO. ARCHITECTURAL PRODUCTS
2303 E. Vernon Avenue, Los Angeles, CA 90058-1897
PH (800) 421-6144 FX 800-587-7501 www.crlaurence.com

Discription:
U.S. ALUMINUM
CURTAIN WALL SERIES
4500 / 4500SG
SYSTEM DRAWINGS

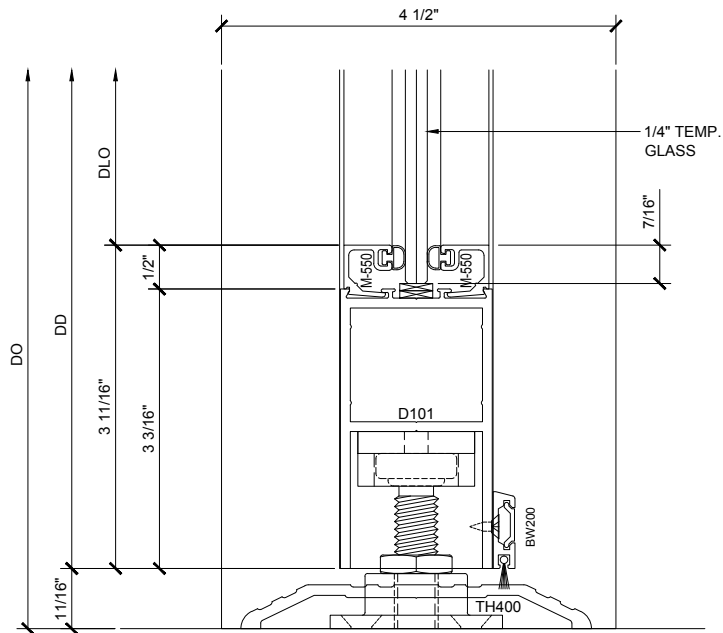
Drawn By: RPD
Date: 06/17/15
Scale: AS NOTED
File Name: 4500.dwg
Sheet

4500.8.2

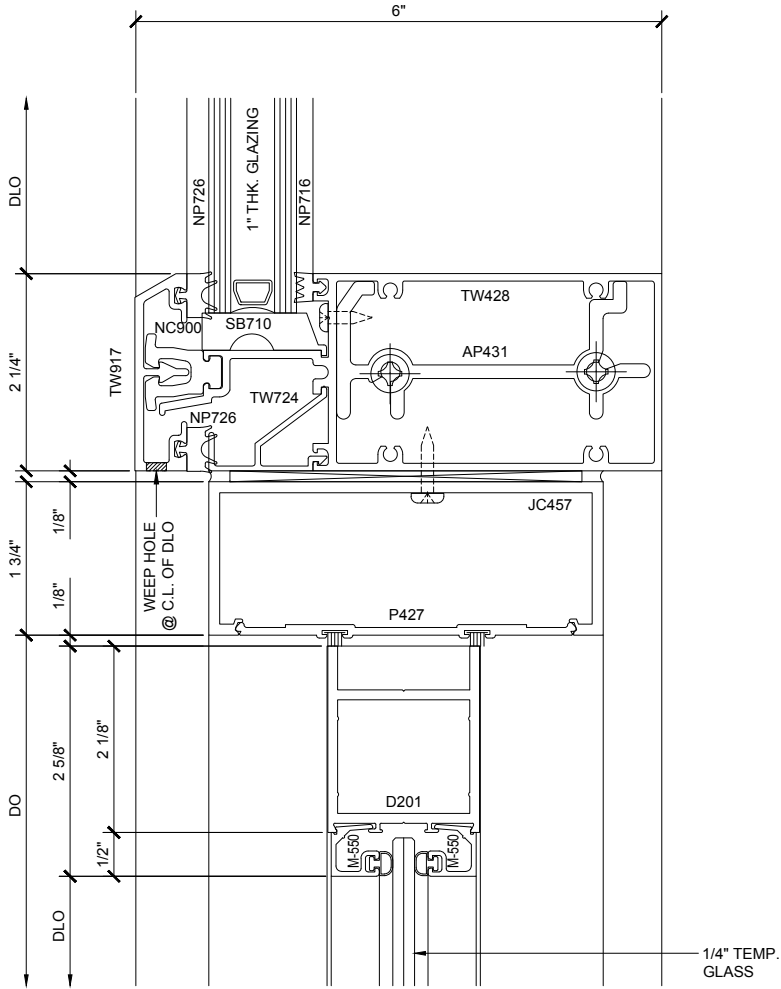
U.S. ALUMINUM CURTAIN WALL SERIES 4500 / 4500SG SYSTEM



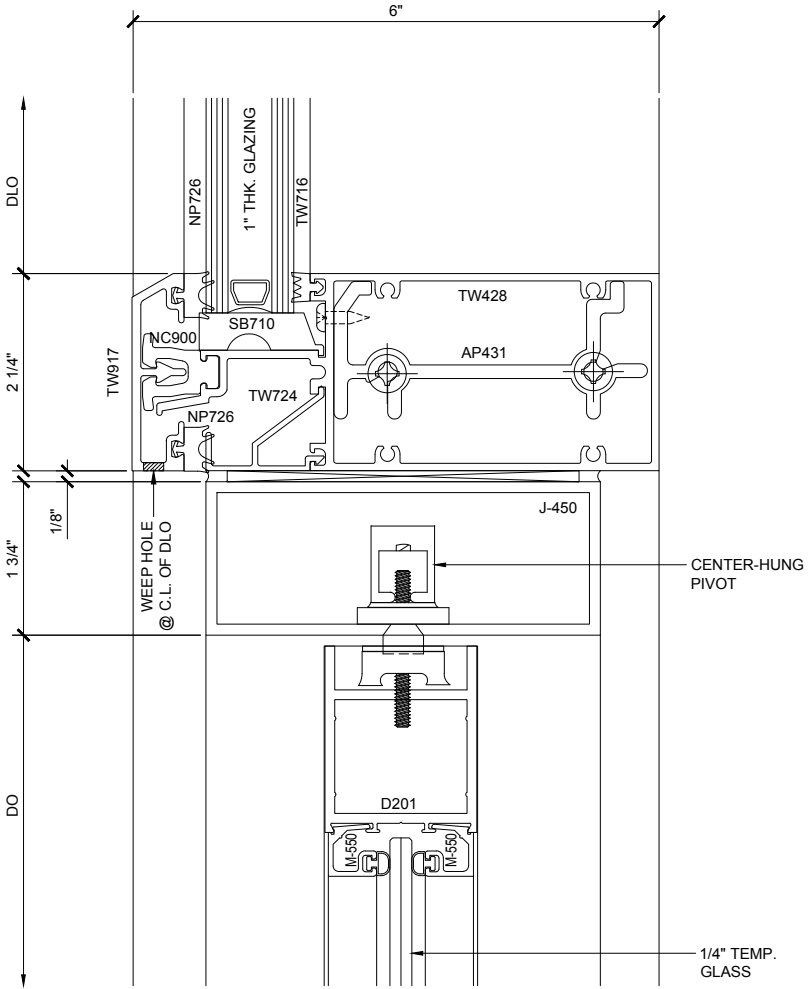
DOOR JAMB PLAN 40
4500.9.2.40
DOUBLE GLAZED / 4" BACK MEMBER
CENTER-HUNG DOOR



DOOR SILL SECTION 82
4500.9.2.82
DOUBLE GLAZED / 4" BACK MEMBER
CENTER-HUNG DOOR



DOOR HEAD SECTION 42
4500.9.2.42
DOUBLE GLAZED / 4" BACK MEMBER
CENTER-HUNG DOOR



DOOR HEAD SECTION 44
4500.9.2.44
DOUBLE GLAZED / 4" BACK MEMBER
CENTER-HUNG DOOR

CURTAIN WALL SERIES 4500 / 4500SG DETAILS

4500.9.2 / CENTER-HUNG DOOR FRAME DETAILS / DOUBLE GLAZED / 4" BACK MEMBER

Revisions By:

CAL

U.S. ALUMINUM

C.R. LAURENCE CO. ARCHITECTURAL PRODUCTS
2303 E. Vernon Avenue, Los Angeles, CA 90058-1897
PH (800) 421-6144 FX 800-587-7501 www.crlaurence.com

Discription:
U.S. ALUMINUM
CURTAIN WALL SERIES
4500 / 4500SG
SYSTEM DRAWINGS

Drawn By: RPD
Date: 06/17/15
Scale: AS NOTED
File Name: 4500.dwg
Sheet

4500.9.2

U.S. ALUMINUM CURTAIN WALL SERIES 4500 / 4500SG SYSTEM

Revisions By:

CAL

U.S. ALUMINUM

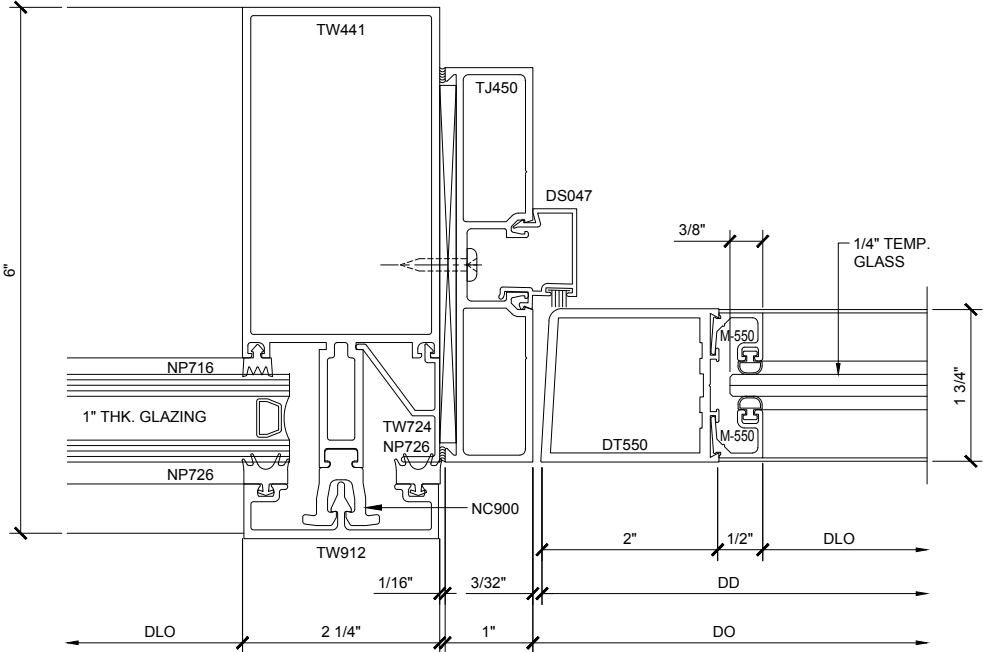
C.R. LAURENCE CO. ARCHITECTURAL PRODUCTS
2303 E. Vernon Avenue, Los Angeles, CA 90058-1897
PH (800) 421-6144 FX 800-587-7501 www.crlaurence.com

Discription:

U.S. ALUMINUM
CURTAIN WALL SERIES
4500 / 4500SG
SYSTEM DRAWINGS

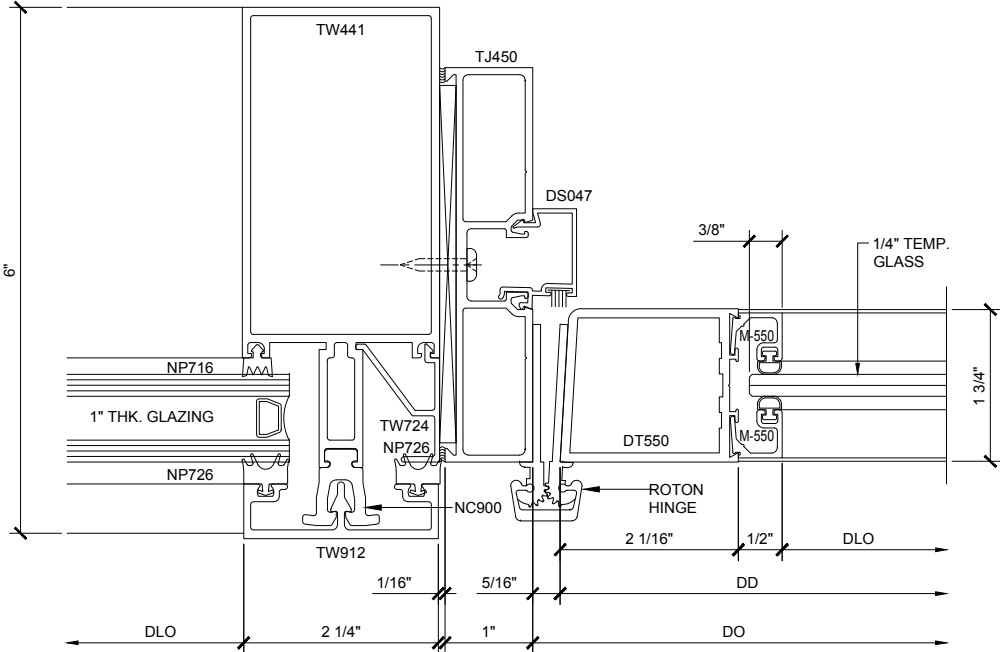
Drawn By: RPD
Date: 06/17/15
Scale: AS NOTED
File Name: 4500.dwg
Sheet

4500.9.3



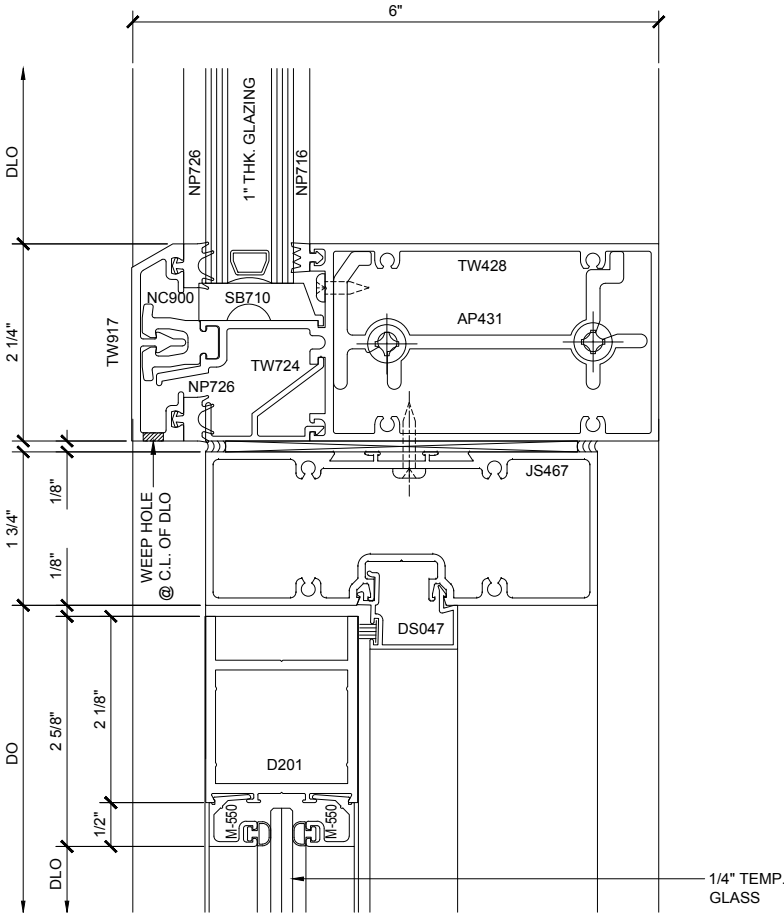
DOOR JAMB PLAN 46

4500.9.3.46
DOUBLE GLAZED / 4" BACK MEMBER
OFFSET-HUNG DOOR



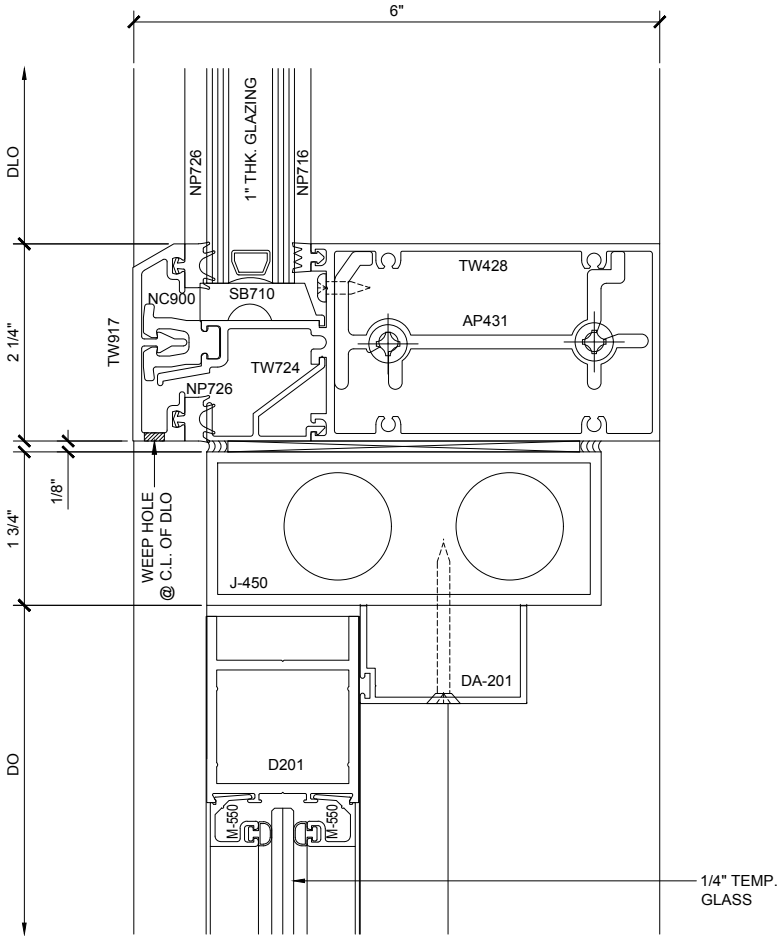
DOOR JAMB PLAN 48

4500.9.3.48
DOUBLE GLAZED / 4" BACK MEMBER
OFFSET-HUNG DOOR



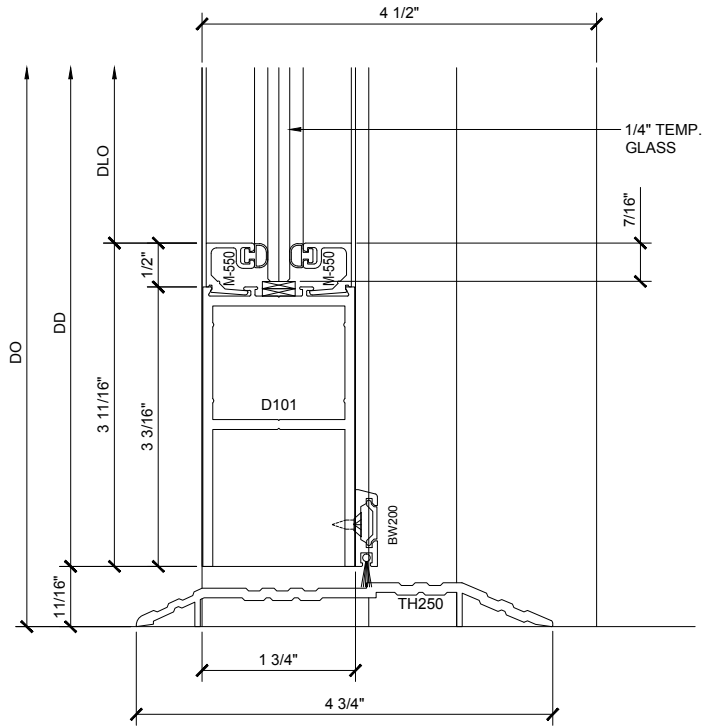
DOOR HEAD SECTION 50

4500.9.3.50
DOUBLE GLAZED / 4" BACK MEMBER
OFFSET-HUNG DOOR



DOOR HEAD SECTION 52

4500.9.3.52
DOUBLE GLAZED / 4" BACK MEMBER
OFFSET-HUNG DOOR



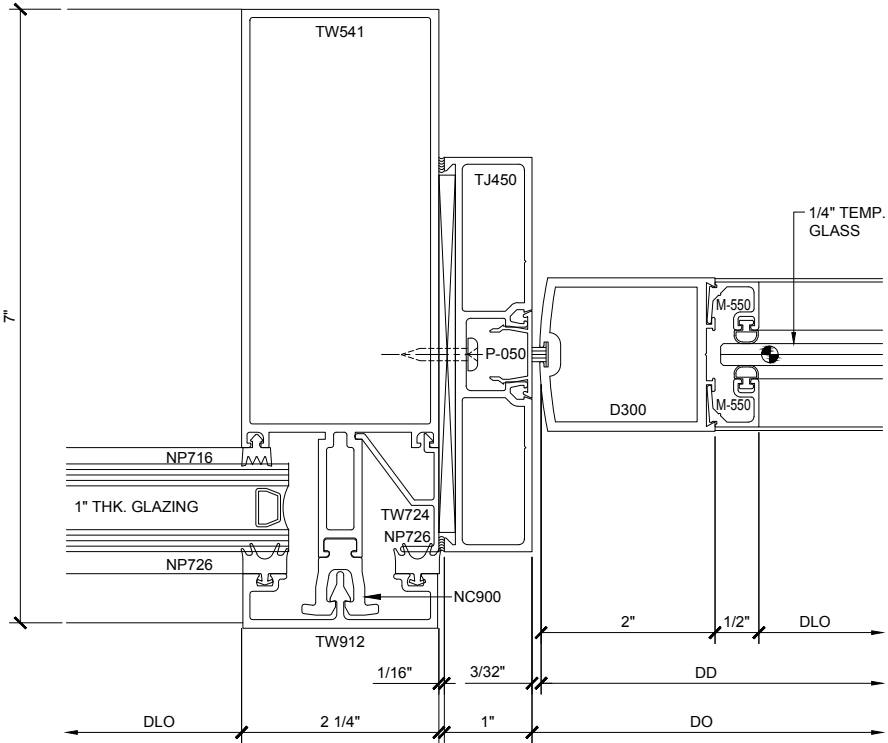
DOOR SILL SECTION 83

4500.9.3.83
DOUBLE GLAZED / 4" BACK MEMBER
OFFSET-HUNG DOOR

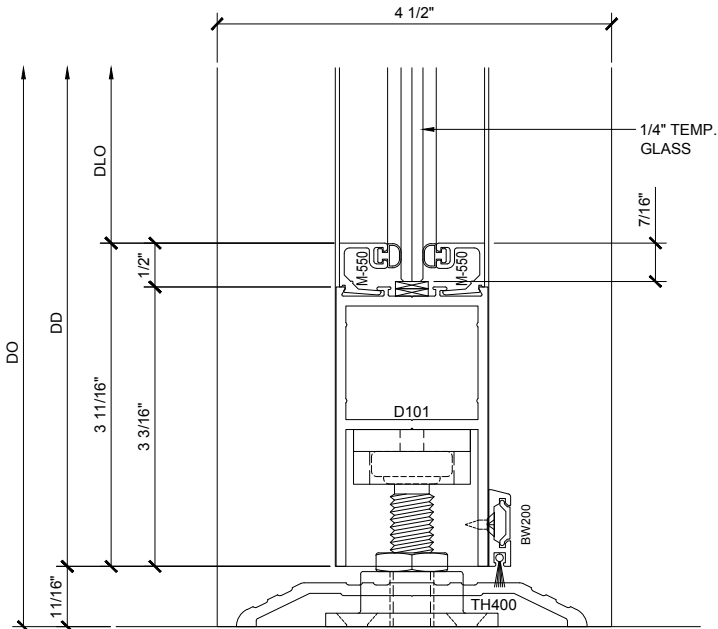
CURTAIN WALL SERIES 4500 / 4500SG DETAILS

4500.9.3 / OFFSET-HUNG DOOR FRAME DETAILS / DOUBLE GLAZED / 4" BACK MEMBER

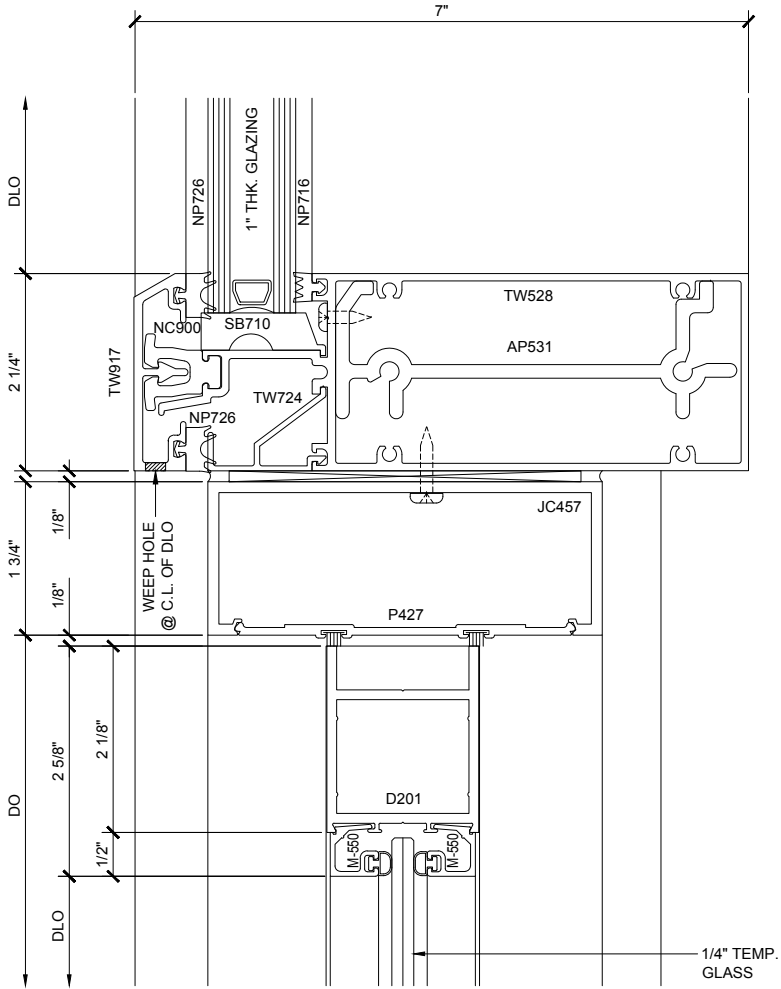
U.S. ALUMINUM CURTAIN WALL SERIES 4500 / 4500SG SYSTEM



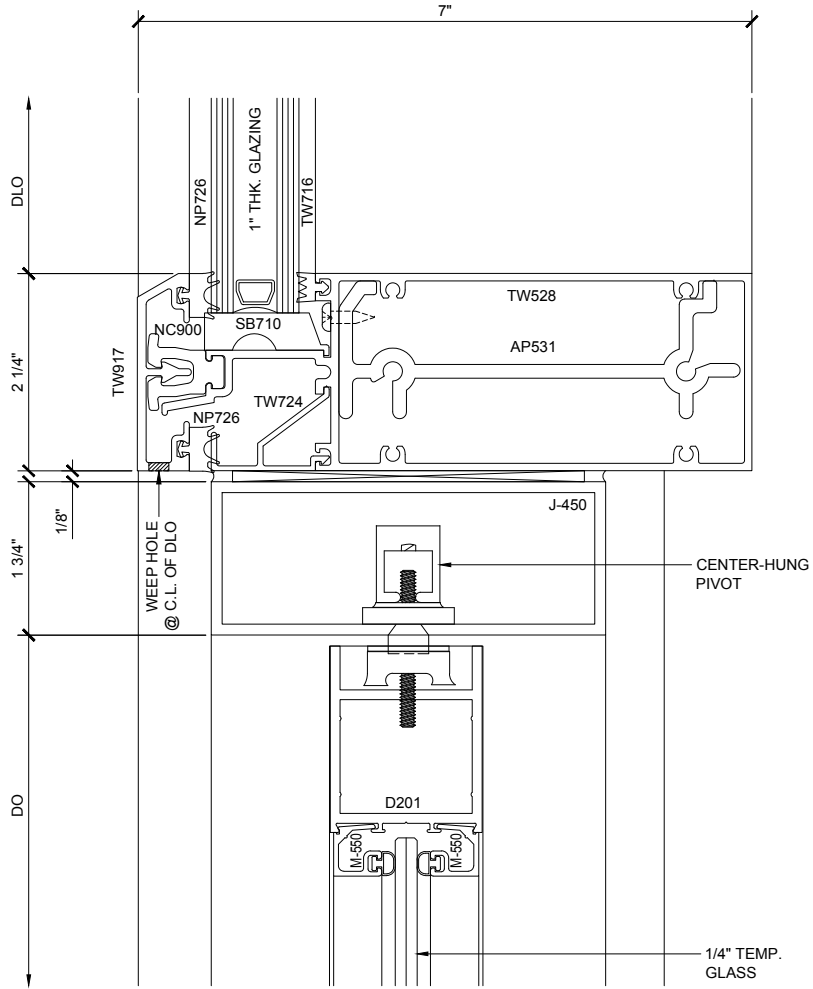
DOOR JAMB PLAN (39)
4500.10.2.39
DOUBLE GLAZED / 5" BACK MEMBER
CENTER-HUNG DOOR



DOOR SILL SECTION (84)
4500.10.2.84
DOUBLE GLAZED / 5" BACK MEMBER
CENTER-HUNG DOOR



DOOR HEAD SECTION (41)
4500.10.2.41
DOUBLE GLAZED / 5" BACK MEMBER
CENTER-HUNG DOOR



DOOR HEAD SECTION (43)
4500.10.2.43
DOUBLE GLAZED / 5" BACK MEMBER
CENTER-HUNG DOOR

CURTAIN WALL SERIES 4500 / 4500SG DETAILS

4500.10.2 / CENTER-HUNG DOOR FRAME DETAILS / DOUBLE GLAZED / 5" BACK MEMBER

Revisions By:



Discription:
U.S. ALUMINUM
CURTAIN WALL SERIES
4500 / 4500SG
SYSTEM DRAWINGS

Drawn By: RPD
Date: 06/17/15
Scale: AS NOTED
File Name: 4500.dwg
Sheet

4500.10.2

U.S. ALUMINUM CURTAIN WALL SERIES 4500 / 4500SG SYSTEM

Revisions By:

CAL

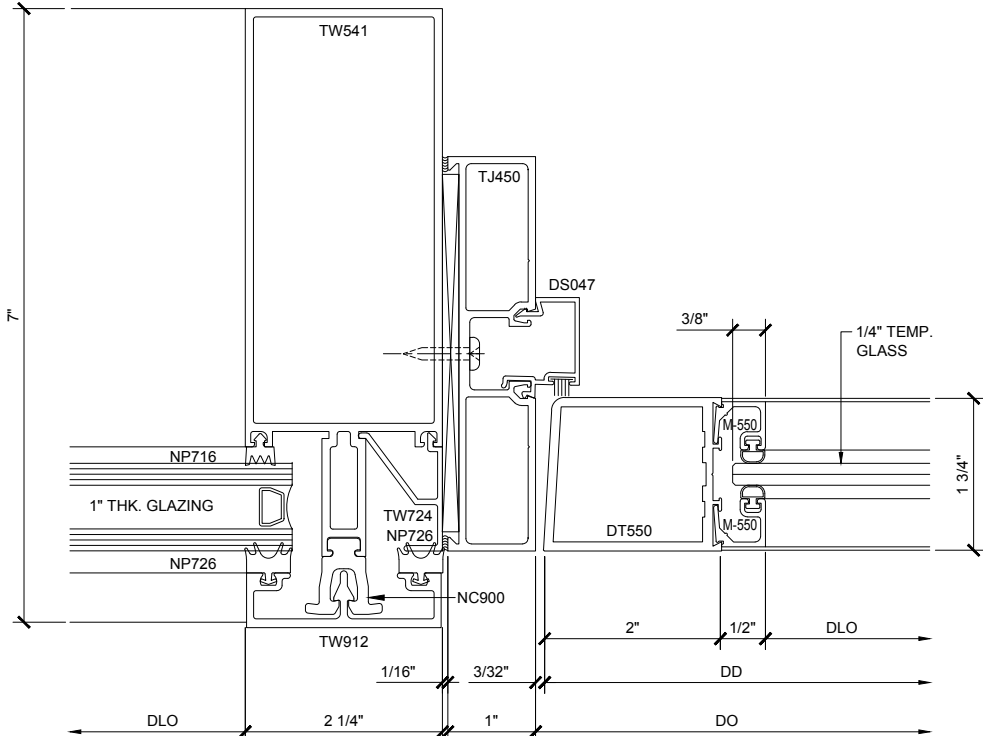
U.S. ALUMINUM

C.R. LAURENCE CO. ARCHITECTURAL PRODUCTS
2303 E. Vernon Avenue, Los Angeles, CA 90058-1897
PH (800) 421-6144 FX 800-587-7501 www.crlaurence.com

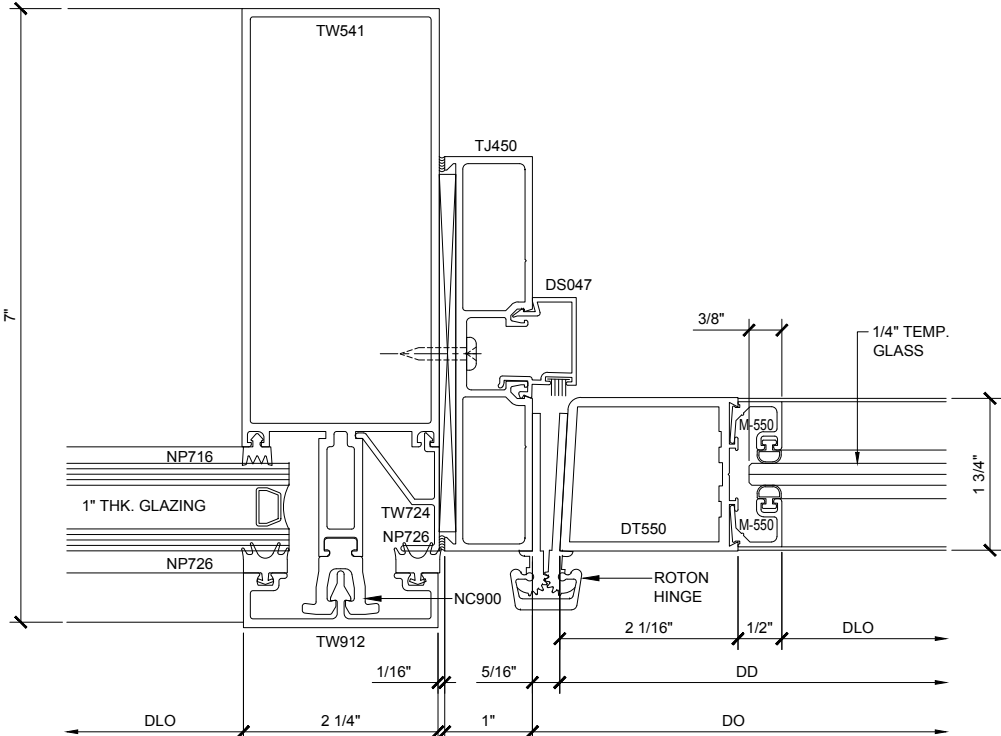
Discription:
U.S. ALUMINUM
CURTAIN WALL SERIES
4500 / 4500SG
SYSTEM DRAWINGS

Drawn By: RPD
Date: 06/17/15
Scale: AS NOTED
File Name: 4500.dwg
Sheet

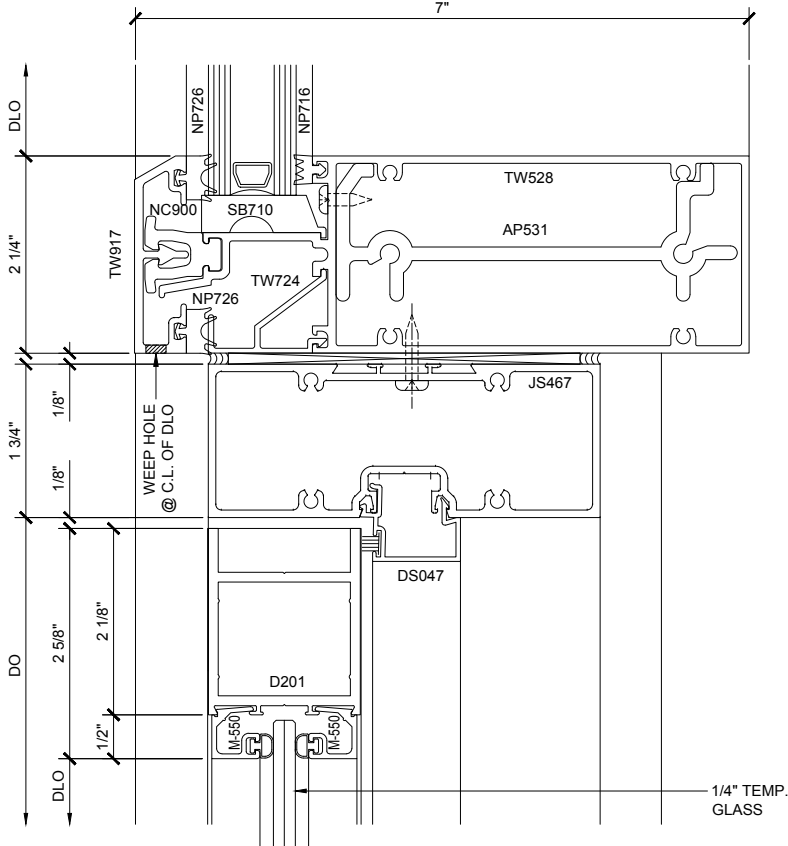
4500.10.3



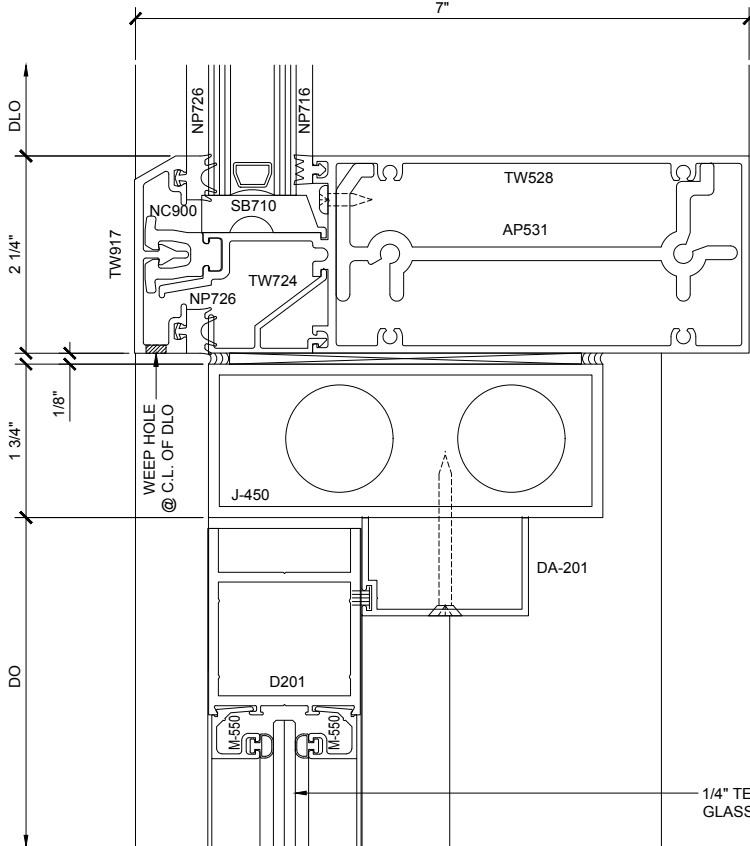
DOOR JAMB PLAN 45
4500.10.3.45
DOUBLE GLAZED / 5" BACK MEMBER
OFFSET-HUNG DOOR



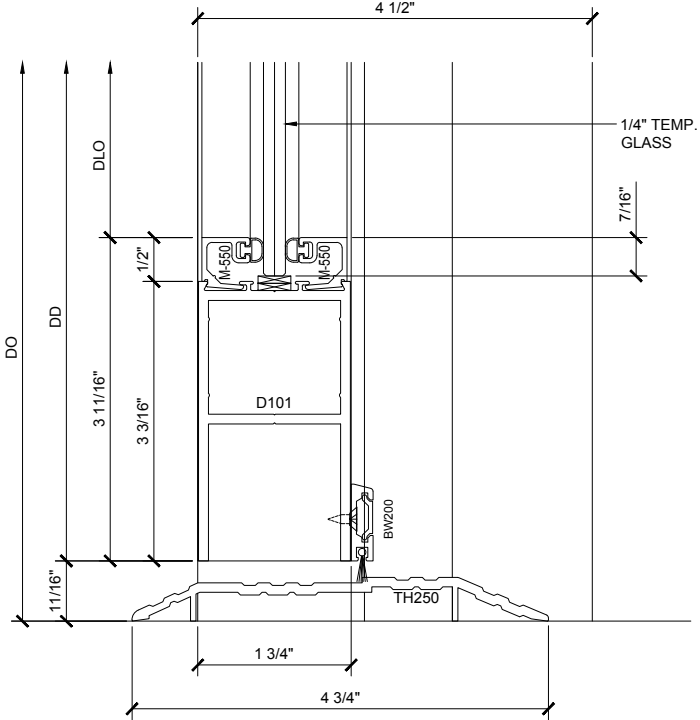
DOOR JAMB PLAN 47
4500.10.3.47
DOUBLE GLAZED / 5" BACK MEMBER
OFFSET-HUNG DOOR



DOOR HEAD SECTION 49
4500.10.3.49
DOUBLE GLAZED / 5" BACK MEMBER
OFFSET-HUNG DOOR



DOOR HEAD SECTION 51
4500.10.3.51
DOUBLE GLAZED / 5" BACK MEMBER
OFFSET-HUNG DOOR



DOOR SILL SECTION 85
4500.10.3.85
DOUBLE GLAZED / 5" BACK MEMBER
OFFSET-HUNG DOOR

CURTAIN WALL SERIES 4500 / 4500SG DETAILS
4500.10.3 / OFFSET-HUNG DOOR FRAME DETAILS / DOUBLE GLAZED / 5" BACK MEMBER

U.S. ALUMINUM CURTAIN WALL SERIES 4500 /4500SG SYSTEM

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

Revisions By:

ECL

ALUMINUM

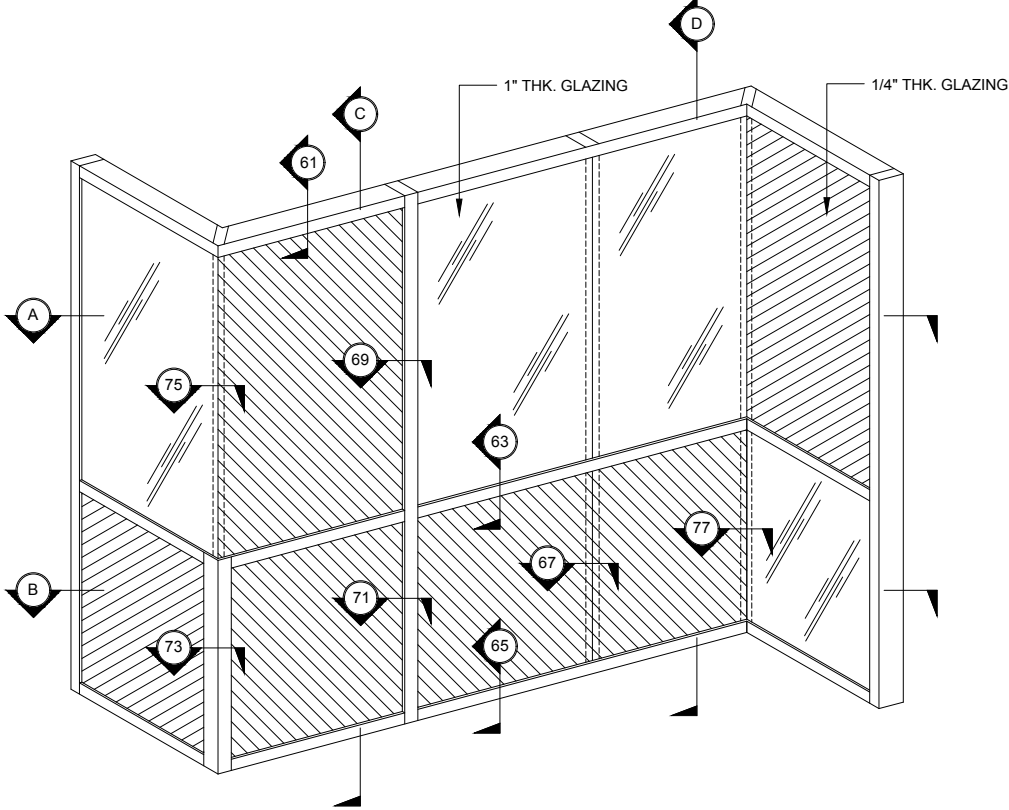
C.R.LAURENCE CO. ARCHITECTURAL PRODUCTS

2303 E. Vernon Avenue, Los Angeles, CA 90058-1897

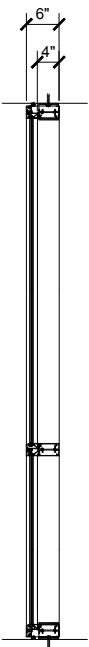
PH (800) 421-6144 FX 800-587-7501 www.crlaurence.com

Discription:
U.S. ALUMINUM
CURTAIN WALL SERIES
4500 / 4500SG
SYSTEM DRAWINGS

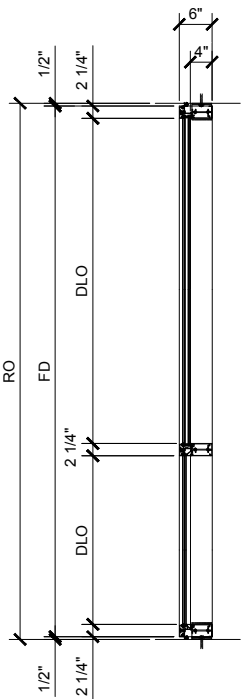
Drawn By:	RPD
Date:	06/17/15
Scale:	AS NOTED
File Name:	4500.dwg
Sheet	



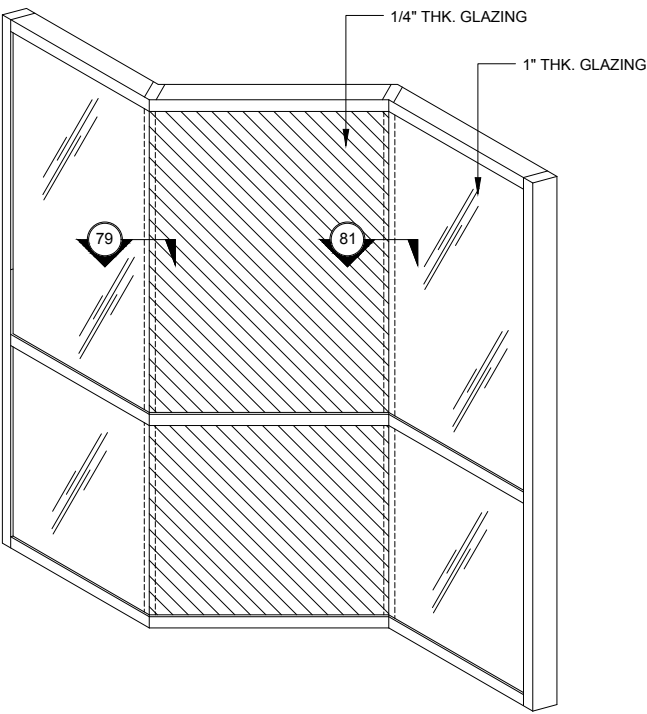
TYPICAL CURTAIN WALL ELEVATION
BUTT GLAZED 90° CORNERS
1" / 1/4" THICK GLAZED TRANSITION
4" BACK MEMBER



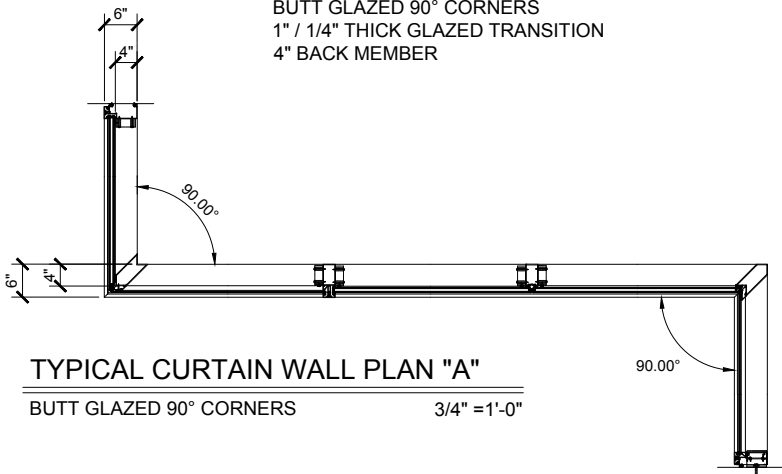
SECTION "C"
3/4" = 1'-0"



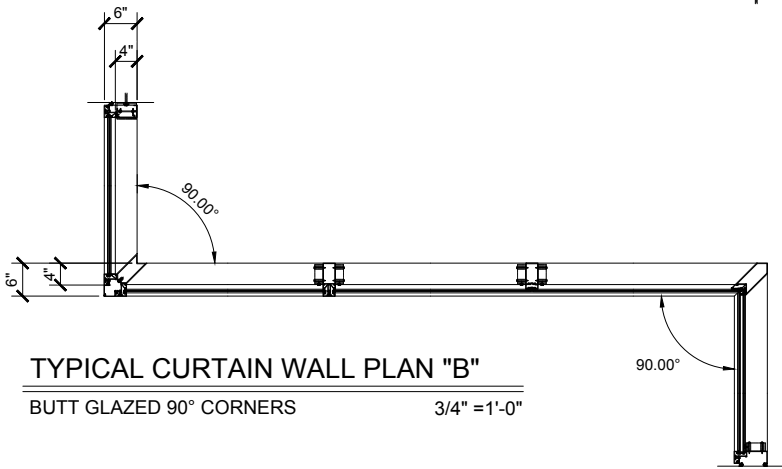
SECTION "D"
3/4" = 1'-0"



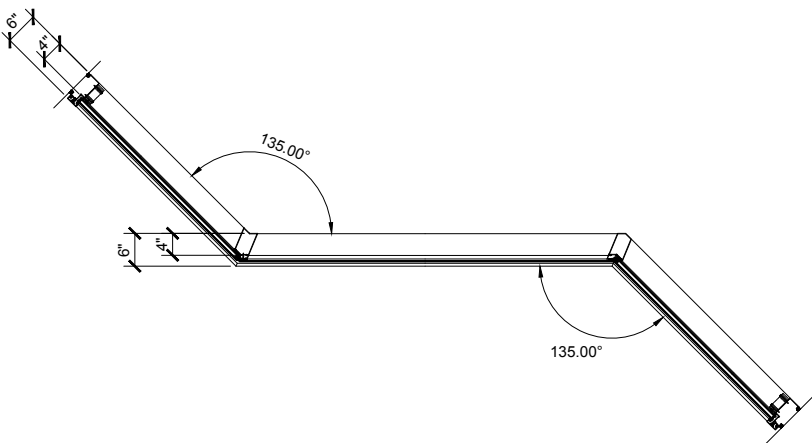
TYPICAL CURTAIN WALL ELEVATION
BUTT GLAZED 135° CORNERS
1" / 1/4" THICK GLAZED TRANSITION
4" BACK MEMBER



TYPICAL CURTAIN WALL PLAN "A"
BUTT GLAZED 90° CORNERS
3/4" = 1'-0"

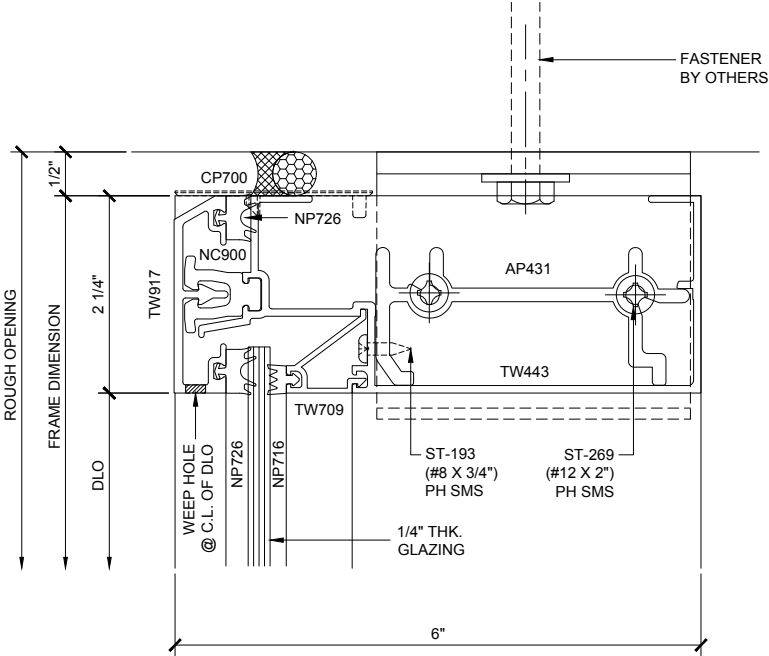


TYPICAL CURTAIN WALL PLAN "B"
BUTT GLAZED 90° CORNERS
3/4" = 1'-0"

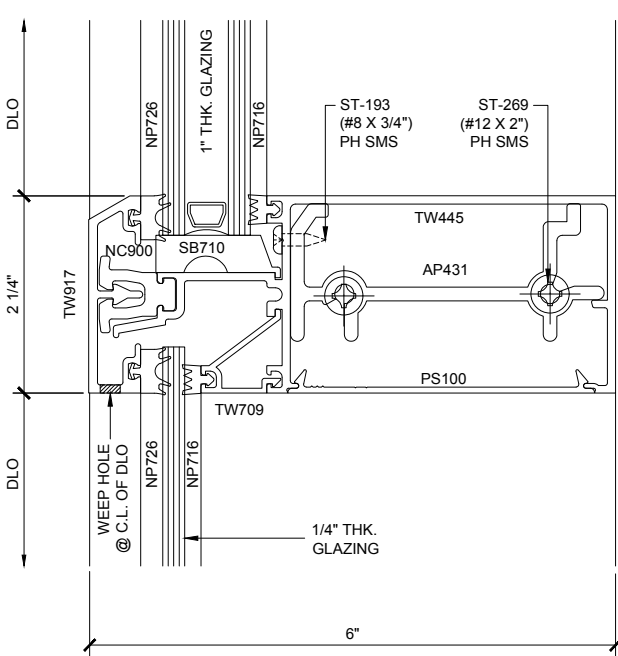


TYPICAL CURTAIN WALL PLAN
BUTT GLAZED 135° CORNERS
3/4" = 1'-0"

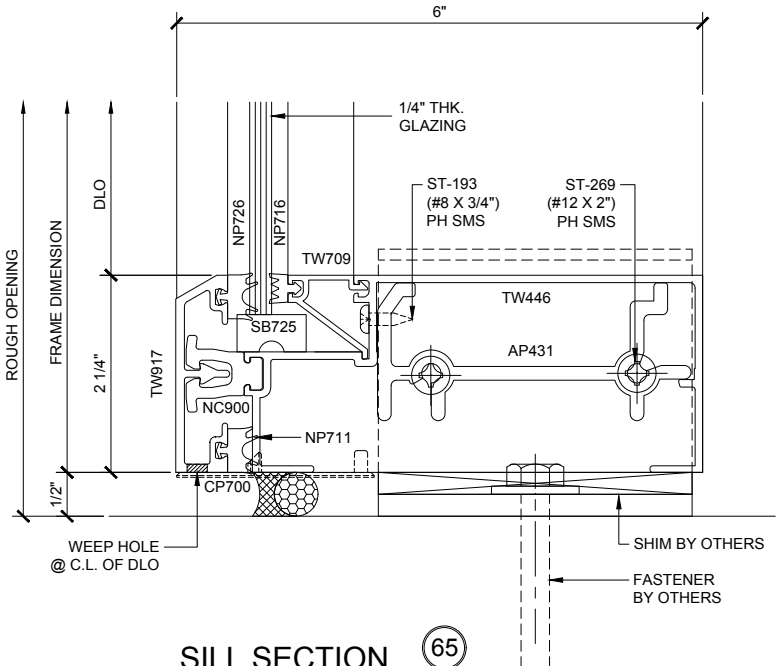
U.S. ALUMINUM CURTAIN WALL SERIES 4500 / 4500SG SYSTEM



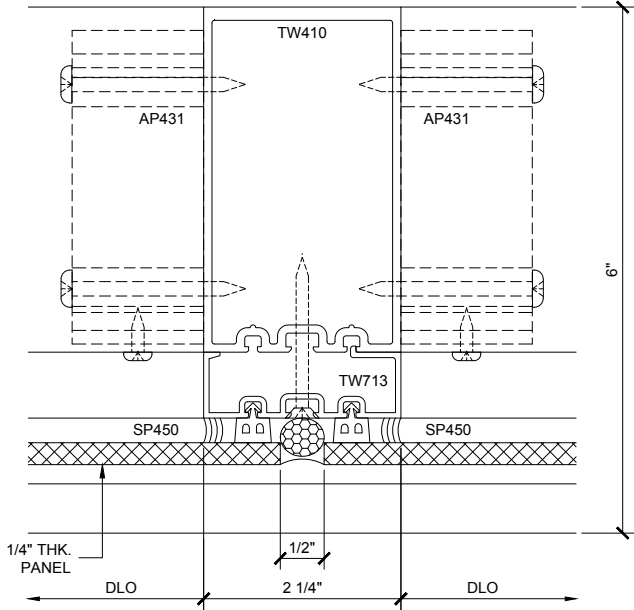
HEAD SECTION 61
4500.11.2.61
SINGLE GLAZED
4" BACK MEMBER



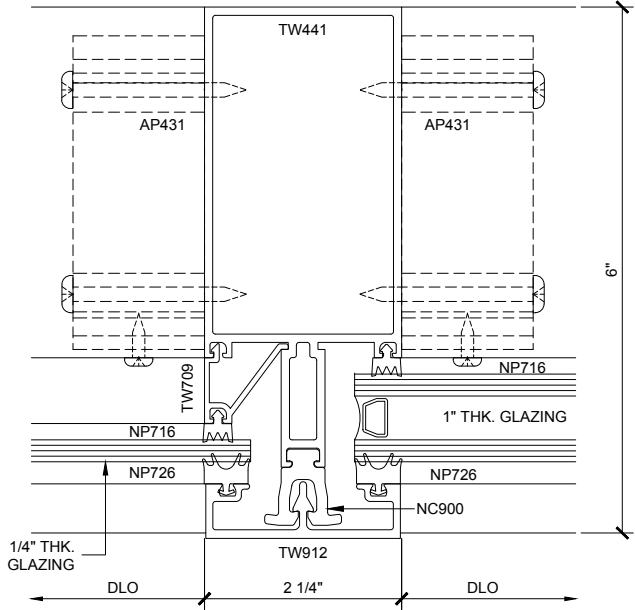
INT. HOR. SECTION 63
4500.11.2.63
SINGLE / DOUBLE GLAZED
4" BACK MEMBER



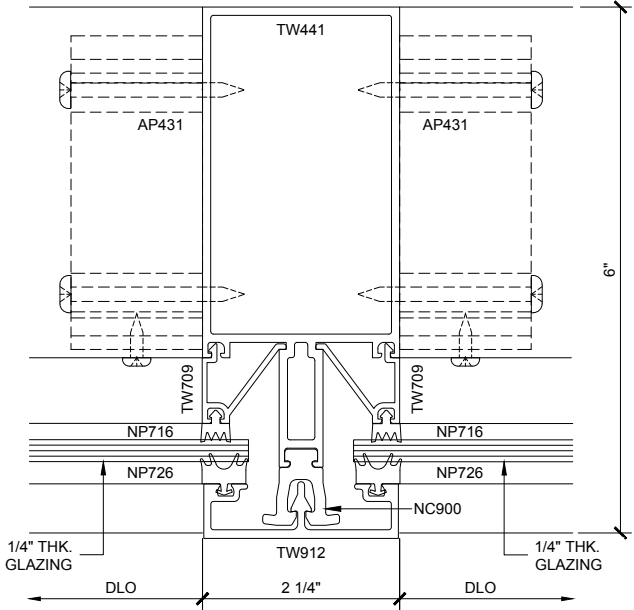
SILL SECTION 65
4500.11.2.65
SINGLE GLAZED
4" BACK MEMBER



INT. VERT. PLAN 67
4500.11.2.67
SINGLE GLAZED
4" BACK MEMBER



INT. VERT. PLAN 69
4500.11.2.69
SINGLE / DOUBLE GLAZED
4" BACK MEMBER



INT. VERT. PLAN 71
4500.11.2.71
SINGLE GLAZED
4" BACK MEMBER

CURTAIN WALL SERIES 4500 / 4500SG DETAILS

4500.11.2 / TRANSITION DETAILS / SINGLE - DOUBLE GLAZED / 4" BACK MEMBER

Revisions By:

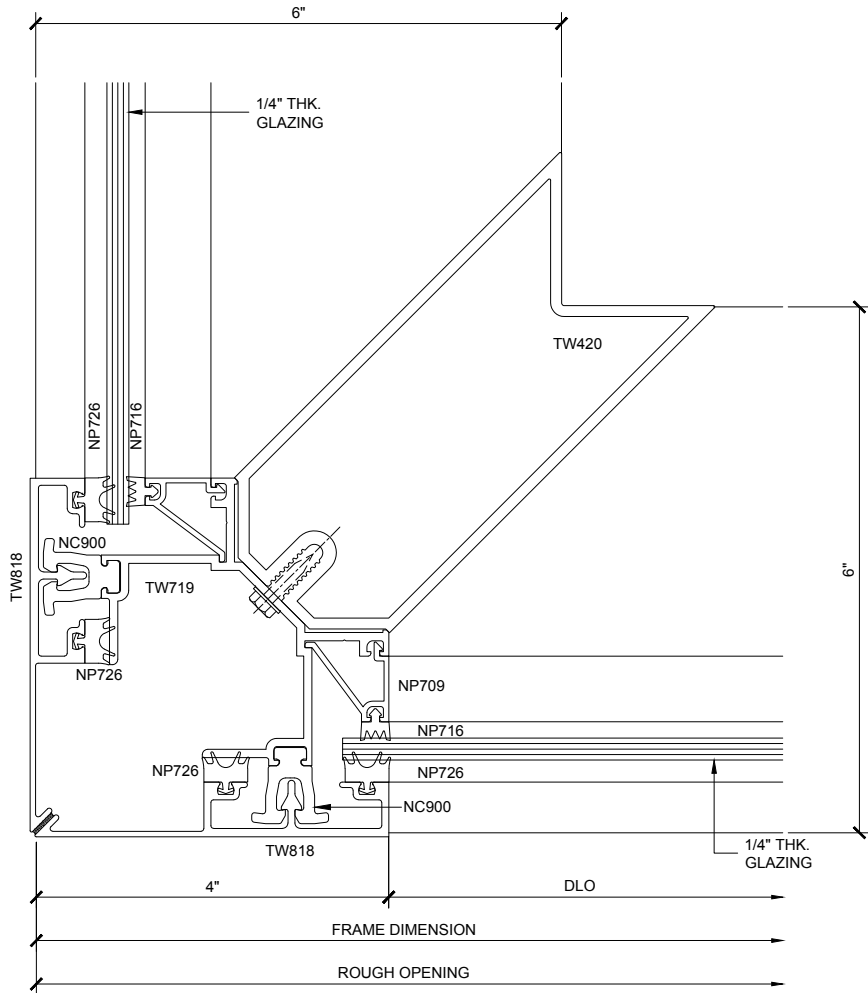


C.R. LAURENCE CO. ARCHITECTURAL PRODUCTS
2303 E. Vernon Avenue, Los Angeles, CA 90058-1897
PH (800) 421-6144 FX 800-587-7501 www.crlaurence.com

U.S. ALUMINUM
CURTAIN WALL SERIES
4500 / 4500SG
SYSTEM DRAWINGS

Drawn By: RPD
Date: 06/17/15
Scale: AS NOTED
File Name: 4500.dwg
Sheet

4500.11.2



EXT. CORNER PLAN 73

4500.11.3.73
SINGLE GLAZED
4" BACK MEMBER

CURTAIN WALL SERIES 4500 / 4500SG DETAILS

4500.11.3 / TRANSITION DETAILS / SINGLE - DOUBLE GLAZED / 4" BACK MEMBER

Revisions By:

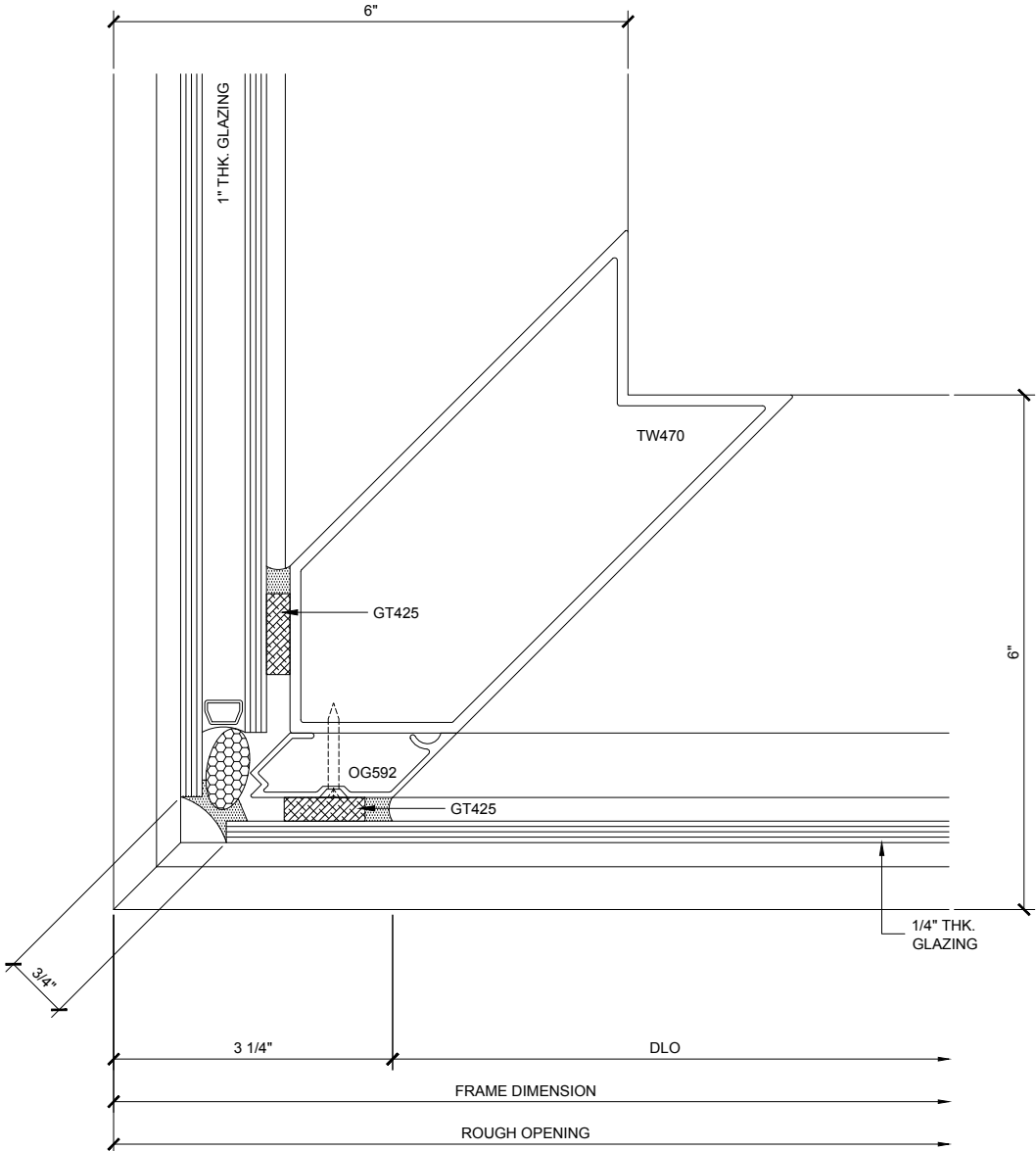


Discription:
U.S. ALUMINUM
CURTAIN WALL SERIES
4500 / 4500SG
SYSTEM DRAWINGS

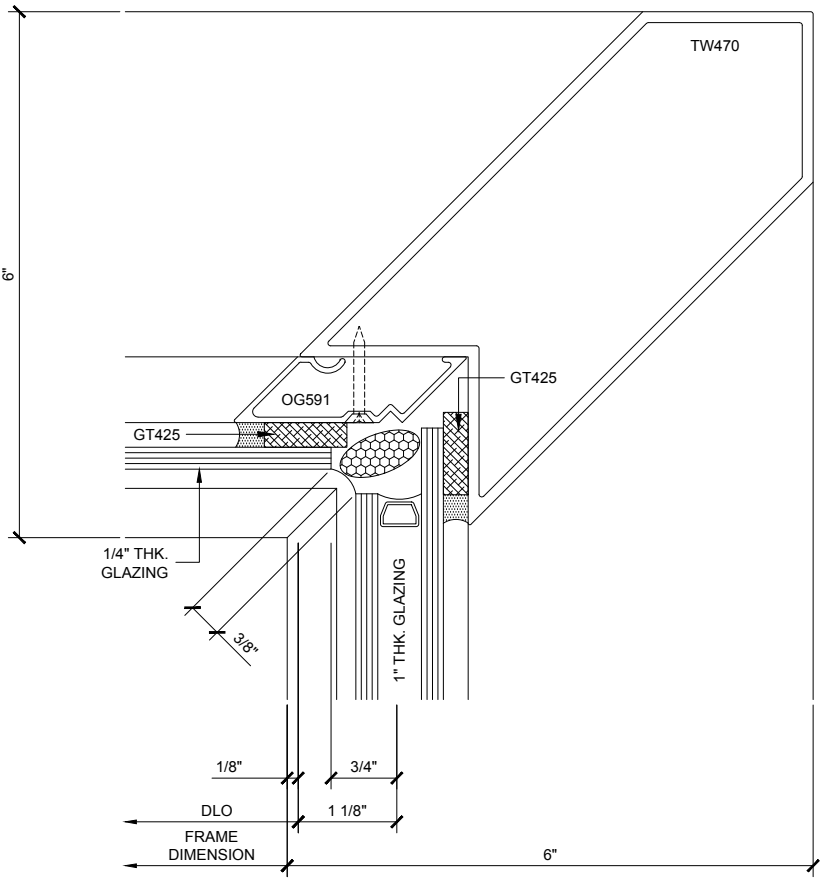
Drawn By: RPD
Date: 06/17/15
Scale: AS NOTED
File Name: 4500.dwg
Sheet

4500.11.3

U.S. ALUMINUM CURTAIN WALL SERIES 4500 / 4500SG SYSTEM



EXT. CORNER PLAN 75
4500.11.4.75
SINGLE / DOUBLE GLAZED
4" BACK MEMBER



INT. CORNER PLAN 77
4500.11.4.77
SINGLE / DOUBLE GLAZED
4" BACK MEMBER

CURTAIN WALL SERIES 4500 / 4500SG DETAILS

4500.11.4 / TRANSITION DETAILS / SINGLE - DOUBLE GLAZED / 4" BACK MEMBER

Revisions By:

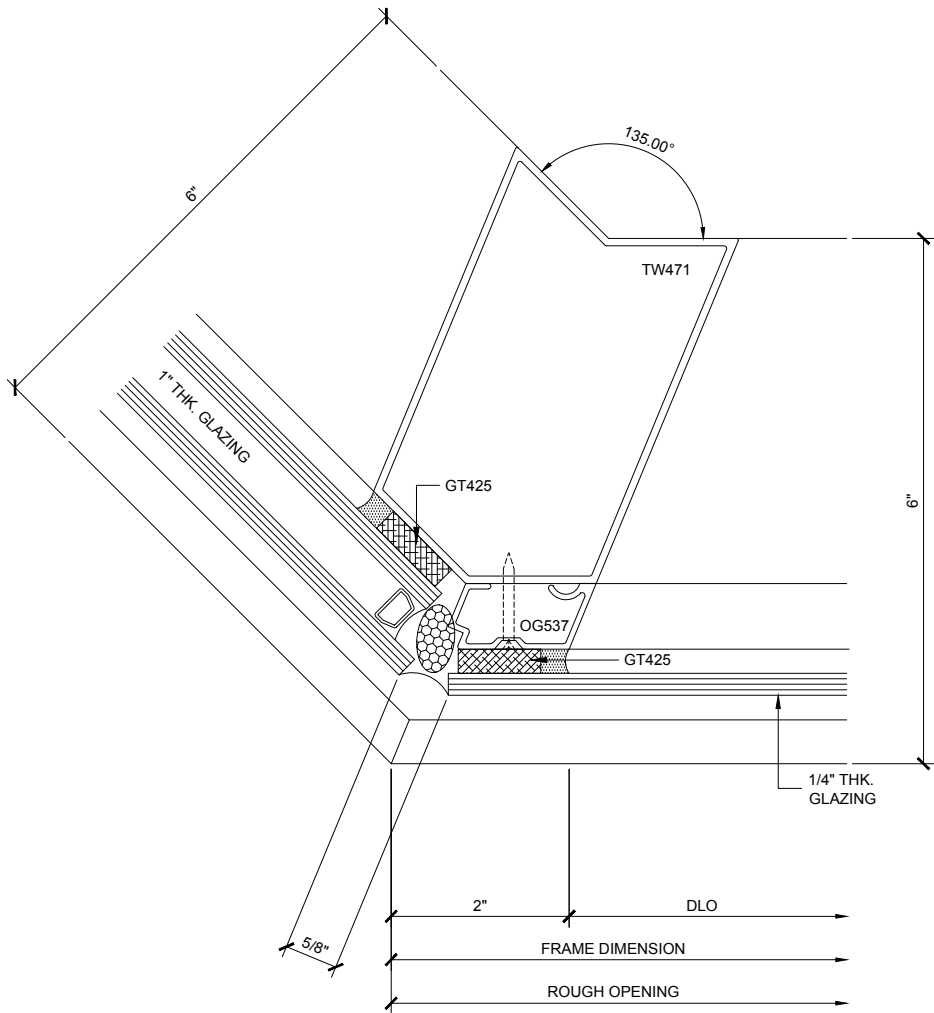
CAL
ALUMINUM

C.R.LAURENCE CO. ARCHITECTURAL PRODUCTS
2303 E. Vernon Avenue, Los Angeles, CA 90058-1897
PH (800) 421-6144 FX 800-587-7501 www.crlaurence.com

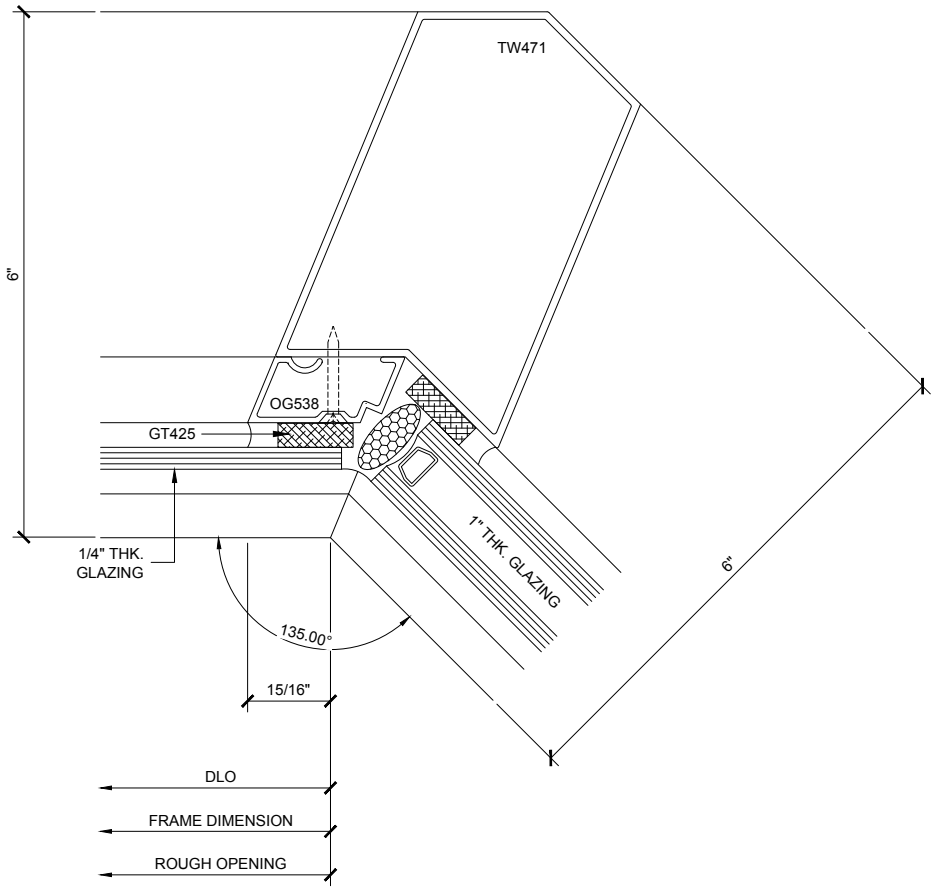
Discription:
U.S. ALUMINUM
CURTAIN WALL SERIES
4500 / 4500SG
SYSTEM DRAWINGS

Drawn By: RPD
Date: 06/17/15
Scale: AS NOTED
File Name: 4500.dwg
Sheet

4500.11.4



EXT. CORNER PLAN 79
4500.11.5.79
SINGLE / DOUBLE GLAZED
4" BACK MEMBER



INT. CORNER PLAN 81
4500.11.5.81
SINGLE / DOUBLE GLAZED
4" BACK MEMBER

CURTAIN WALL SERIES 4500 / 4500SG DETAILS

4500.11.5 / TRANSITION DETAILS / SINGLE - DOUBLE GLAZED / 4" BACK MEMBER

Revisions By:	
<div>CAL ALUMINUM C.R. LAURENCE CO. ARCHITECTURAL PRODUCTS 2303 E. Vernon Avenue, Los Angeles, CA 90058-1897 PH: (800) 421-6144 FX: 800-587-7501 www.crlaurence.com</div>	
Description: U.S. ALUMINUM CURTAIN WALL SERIES 4500 / 4500SG SYSTEM DRAWINGS	
Drawn By: RPD	
Date: 06/17/15	
Scale: AS NOTED	
File Name: 4500.dwg	
Sheet	
4500.11.5	

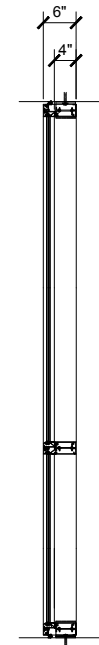
STANDARD ABBREVIATIONS

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

CAL

ALUMINUM

C.R. LAURENCE CO. ARCHITECTURAL PRODUCTS
2503 E. Vernon Avenue, Los Angeles, CA 90058-1897
PH (800)-421-6144 FX 800-587-7501 www.claluminum.com



Technical drawing of a rectangular frame with dimensions and labels. The drawing shows a rectangular frame with a central opening. The dimensions are as follows:

- Top horizontal dimension: 6"
- Right vertical dimension: 4"
- Bottom horizontal dimension: 1"
- Left vertical dimension: 1 1/2"
- Top horizontal dimension (inner): 1 1/2"
- Right vertical dimension (inner): 2 1/4"
- Bottom horizontal dimension (inner): 2 1/4"
- Left vertical dimension (inner): 2 1/4"

Labels within the drawing include:

- RO (Right Outer)
- FD (Front)
- DLO (Double Layer Outer)

The diagram illustrates a cross-section of a double-pane window assembly. The central cavity is filled with insulation, indicated by diagonal hatching. The left pane is labeled with a thermal resistance (R-value) of 78, and the right pane is labeled with a thermal resistance of 80. The top and bottom panes are labeled with a thickness of 1/4" THK. GLAZING, and the side panes are labeled with a thickness of 1" THK. GLAZING.

BUTT GLAZED 90° CORNERS
1" / 1/4" THICK GLAZED TRANSITION
5" BACK MEMBER

7"
5"
15"
90.00°

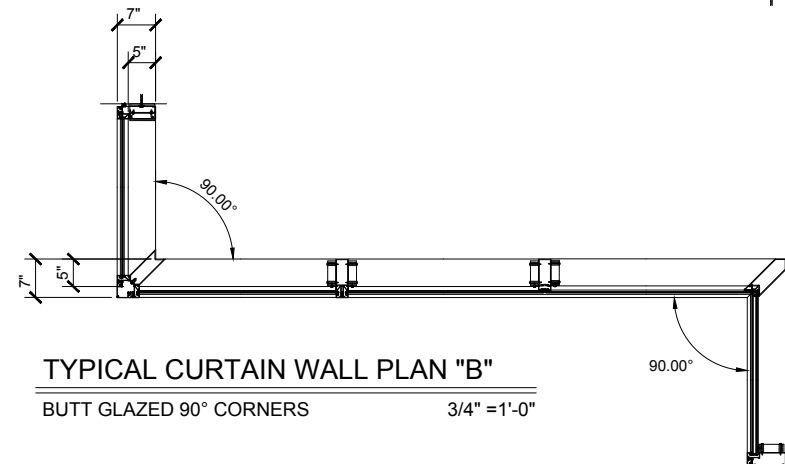
TYPICAL CURTAIN WALL PLAN "A"

BUTT GLAZED 90° CORNERS
3/4" = 1'-0"

90.00°

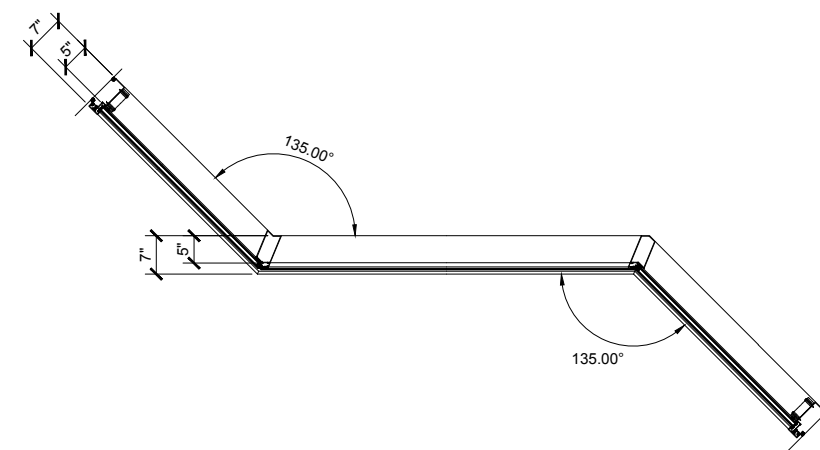
TYPICAL CURTAIN WALL PLAN "A"

BUTT GLAZED 90° CORNERS 3/4" = 1'-0"



TYPICAL CURTAIN WALL PLAN "B"

BUTT GLAZED 90° CORNERS 3/4" = 1'-0"



TYPICAL CURTAIN WALL PLAN

BUTT GLAZED 135° CORNERS 3/4" = 1'-0"

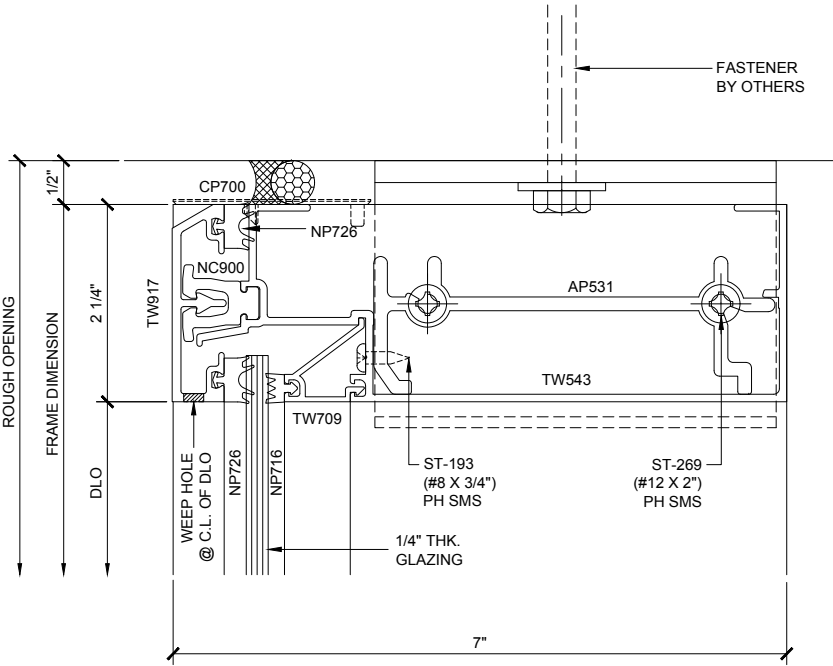
4500.12.1 / TRANSITIONS / DOUBLE GLAZED / 5" BACK MEMBER

Description:
U.S. ALUMINUM
CURTAIN WALL SERIES
4500 / 4500SG
SYSTEM DRAWINGS

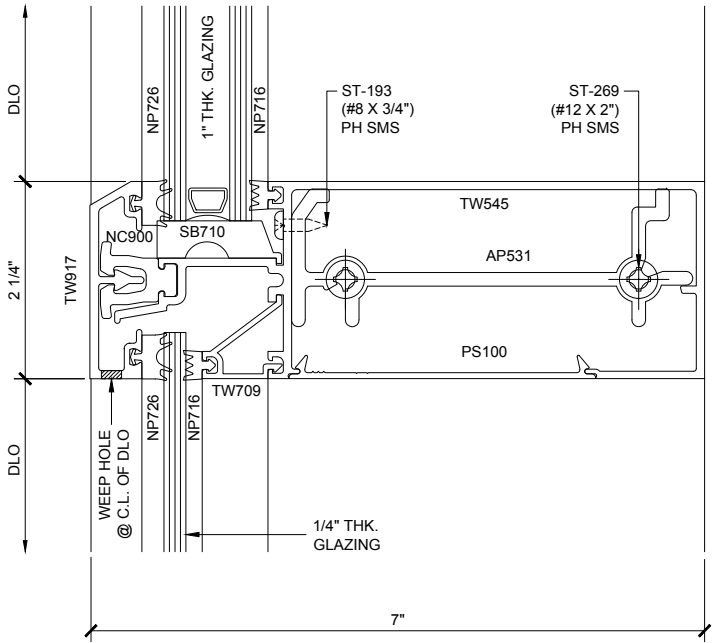
Drawn By:	RPD
Date:	06/17/15
Scale:	AS NOTED
File Name:	4500.dwg
Sheet	

4500.12.1

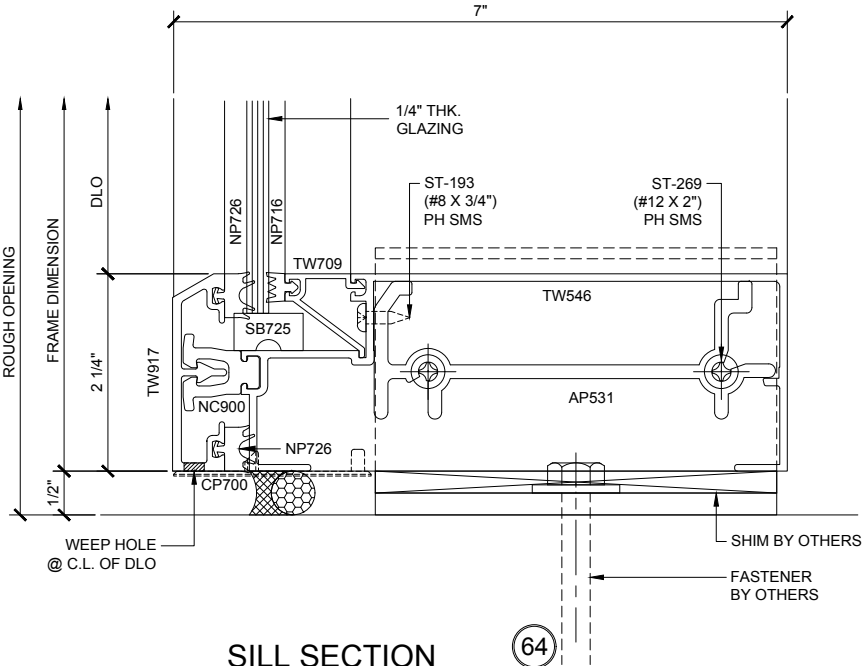
U.S. ALUMINUM CURTAIN WALL SERIES 4500 / 4500SG SYSTEM



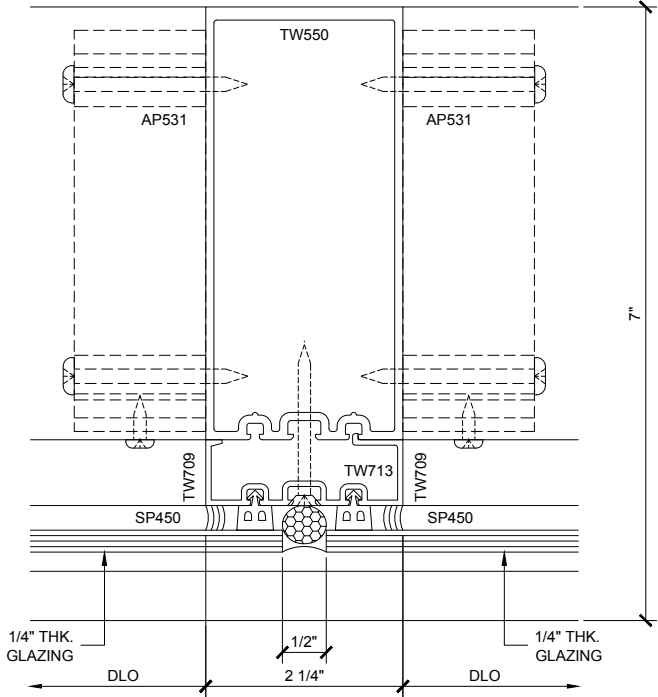
HEAD SECTION 60
4500.12.2.60
SINGLE GLAZED
5" BACK MEMBER



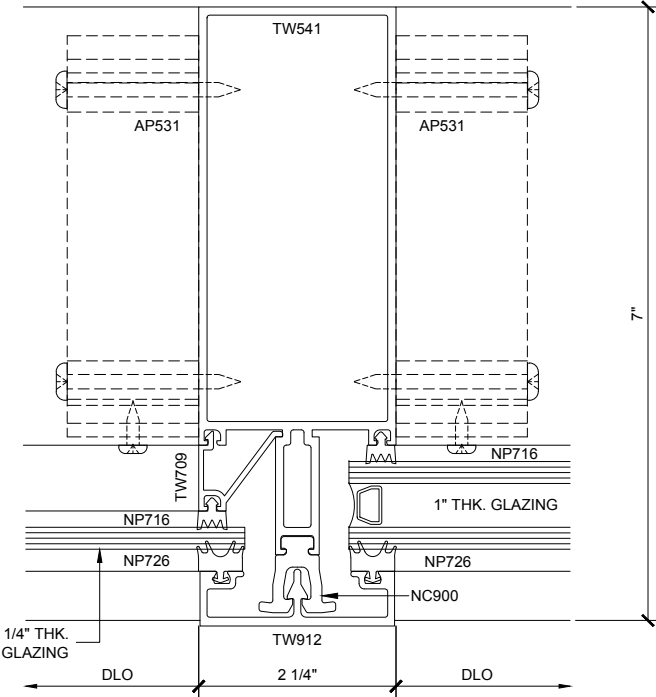
INT. HOR. SECTION 62
4500.12.2.62
SINGLE / DOUBLE GLAZED
5" BACK MEMBER



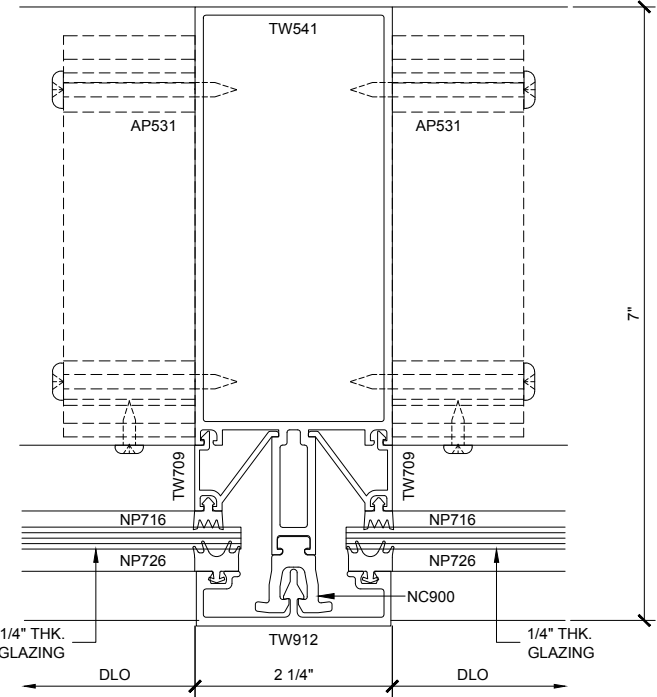
SILL SECTION 64
4500.12.2.64
SINGLE GLAZED
5" BACK MEMBER



INT. VERT. PLAN 66
4500.12.2.66
SINGLE GLAZED
5" BACK MEMBER



INT. VERT. PLAN 68
4500.12.2.68
SINGLE / DOUBLE GLAZED
5" BACK MEMBER



INT. VERT. PLAN 70
4500.12.2.70
SINGLE GLAZED
5" BACK MEMBER

CURTAIN WALL SERIES 4500 / 4500SG DETAILS

4500.12.2 / TRANSITION DETAILS / SINGLE - DOUBLE GLAZED / 5" BACK MEMBER

Revisions By:



C.R. LAURENCE CO. ARCHITECTURAL PRODUCTS
2303 E. Vernon Avenue, Los Angeles, CA 90058-1897
PH (800) 421-6144 FX 800-587-7501 www.crlaurence.com

U.S. ALUMINUM
CURTAIN WALL SERIES
4500 / 4500SG
SYSTEM DRAWINGS

Drawn By: RPD
Date: 06/17/15
Scale: AS NOTED
File Name: 4500.dwg
Sheet

4500.12.2

EXT. CORNER PLAN (72)

CURTAIN WALL SERIES 4500 / 4500SG DETAILS

Revisions By:

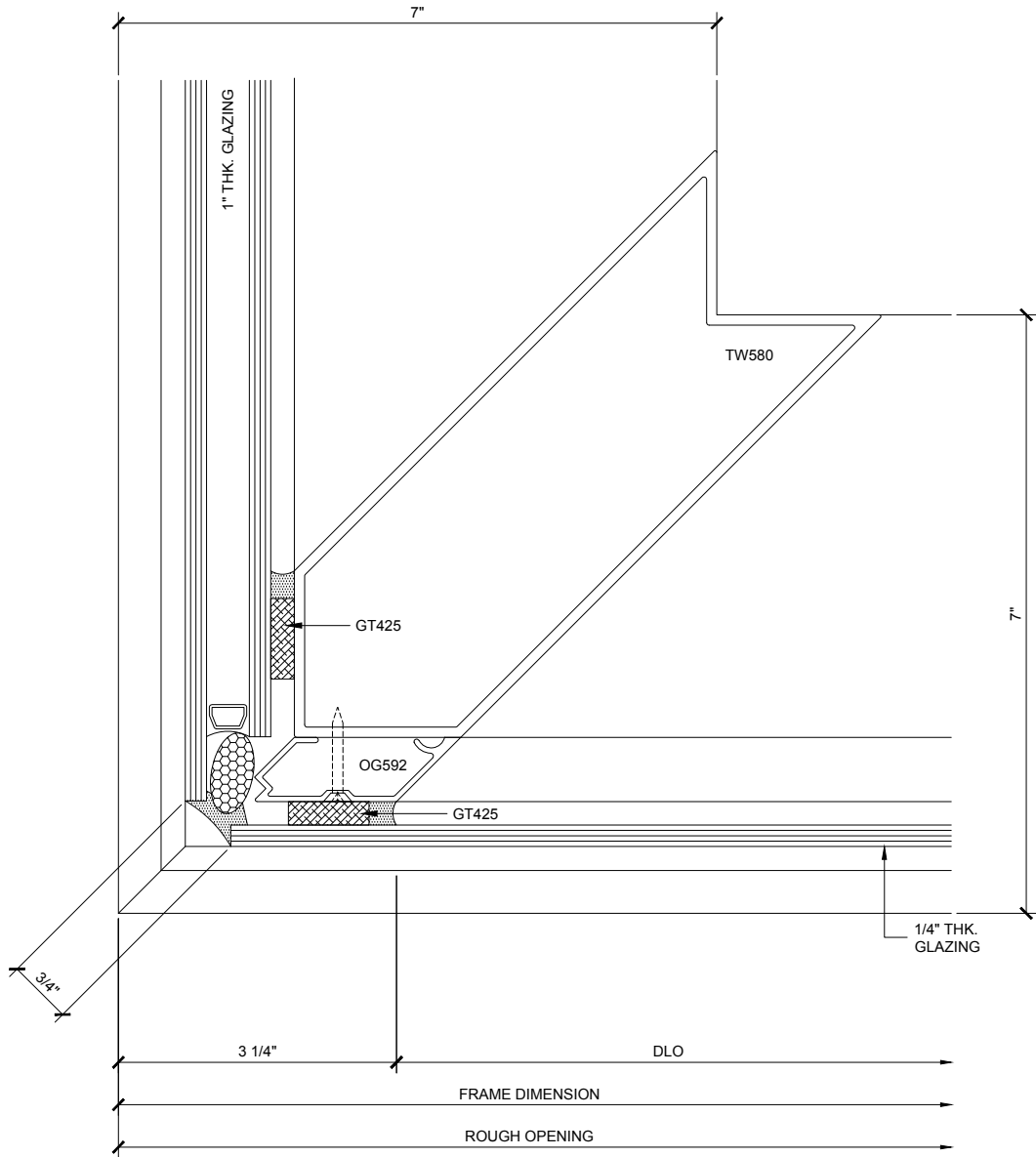
CAL
ALUMINUM

C.R. LAURENCE CO. ARCHITECTURAL PRODUCTS
2502 E. Verrano Avenue, Los Angeles, CA 90058-1897
PH (800)-421-6144 FX (800)-387-7501 www.crlaurence.com

U.S. ALUMINUM
CURTAIN WALL SERIES
4500 / 4500SG
SYSTEM DRAWINGS

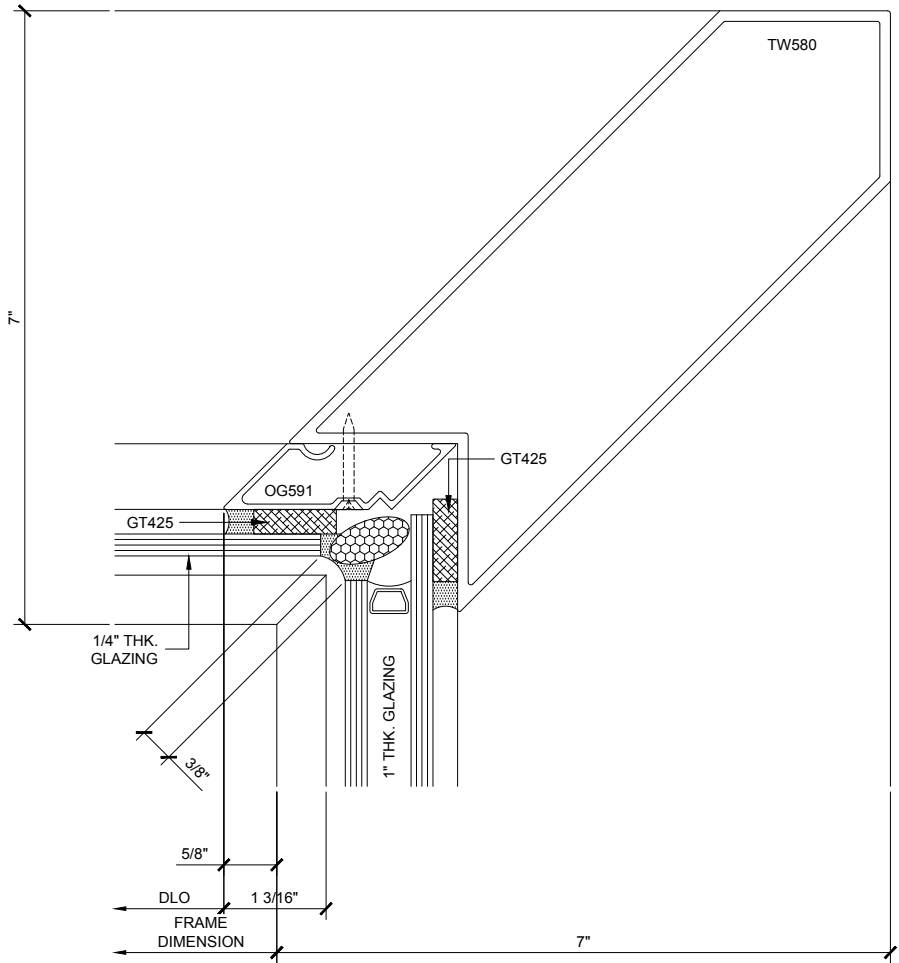
Drawn By:	RPD
Date:	06/17/15
Scale:	AS NOTED
File Name:	4500.dwg
Sheet	

4500.12.3



EXT. CORNER PLAN 74

4500.12.4.74
SINGLE / DOUBLE GLAZED
5\"/>



INT. CORNER PLAN 76

4500.12.4.76
SINGLE / DOUBLE GLAZED
5\"/>

CURTAIN WALL SERIES 4500 / 4500SG DETAILS

4500.12.4 / TRANSITION DETAILS / SINGLE - DOUBLE GLAZED / 5\"/>

Revisions By:

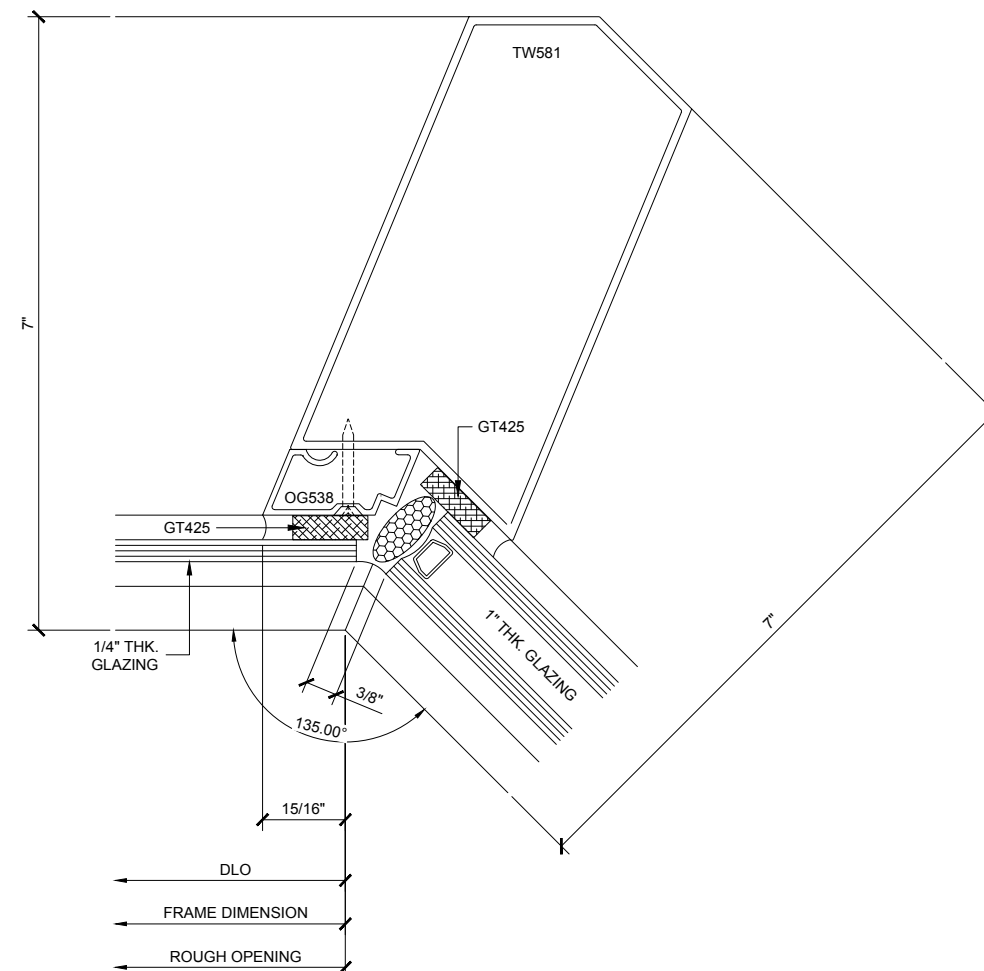


Discription:
U.S. ALUMINUM
CURTAIN WALL SERIES
4500 / 4500SG
SYSTEM DRAWINGS

Drawn By: RPD
Date: 06/17/15
Scale: AS NOTED
File Name: 4500.dwg
Sheet

4500.12.4

4500.12.5.78
SINGLE / DOUBLE GLAZED
5" BACK MEMBER



4500.12.5.80
SINGLE / DOUBLE GLAZED
5" BACK MEMBER

4500.12.5 / TRANSITION DETAILS / SINGLE - DOUBLE GLAZED / 5" BACK MEMBER

4500.12.5
