



STOREFRONTS

SERIES 450 CENTER GLAZED STOREFRONT SYSTEM OFFSET HUNG DOOR FRAMING

450 SERIES SPECIFICATIONS

Fabrication and installation labor costs have always been a decisive factor in selecting framing systems for storefront projects. U.S. Aluminum offers cost efficient versatile Center Glazed Systems with clean lines and superb performance. Series 450 may be interior or exterior glazed. A top load E.P.D.M. gasket is used to position and weatherseal the glass in the aluminum pocket. Center Glazed Systems are compatible with most U.S. Aluminum entrance doors.

- 1 3/4" x 4 1/2" frame
- 1/4" Glazing infill
- Full range of accessory components
- Available in an array of architectural coatings and anodized finishes
- Screw spline assembly
- Shear block assembly
- Stacking installation option
- Interior or Exterior Glazed

Revisions By:

CRL
U.S. ALUMINUM
C.R. LAURENCE CO. ARCHITECTURAL PRODUCTS
2503 E. Vernon Avenue, Los Angeles, CA 90038-1897
PH: (800)-421-6144 FX: (800)-807-7501 www.crlaurence.com

Description:
U.S. ALUMINUM
SERIES 450 CENTER GLAZED
STOREFRONT SYSTEM

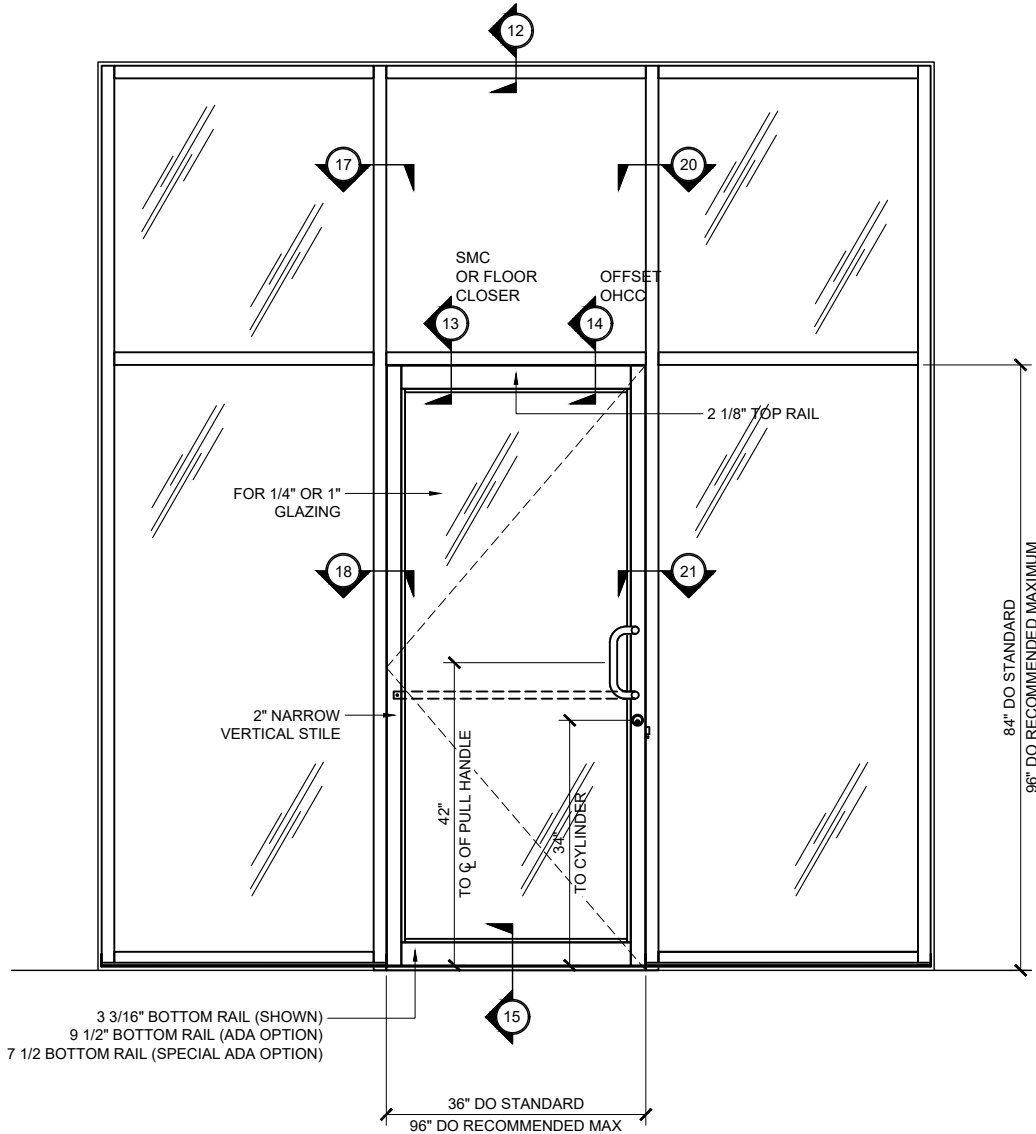
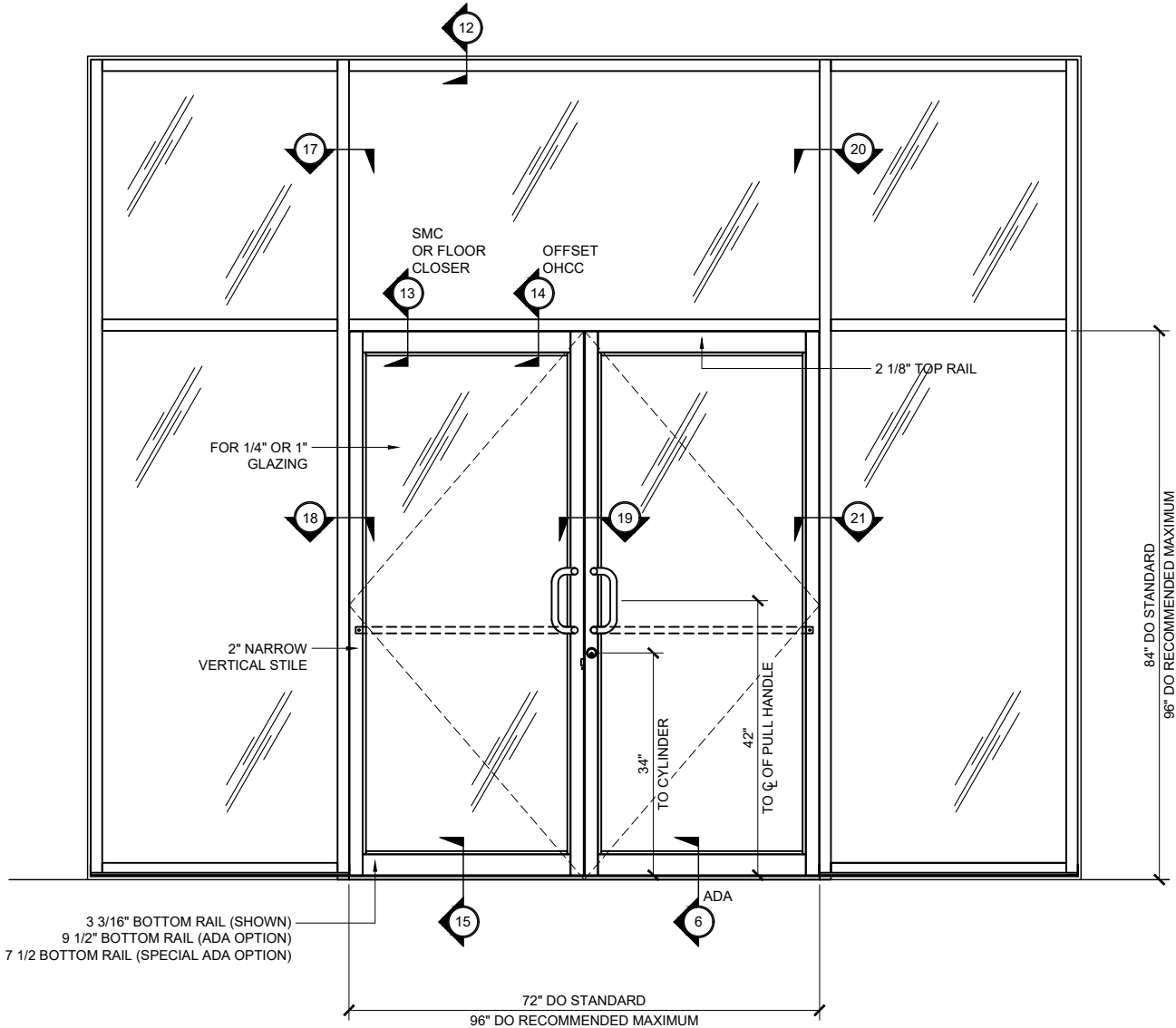
Drawn By: AAD

Date: 12/14/12

Scale: AS NOTED

File Name: SF 450

Sheet



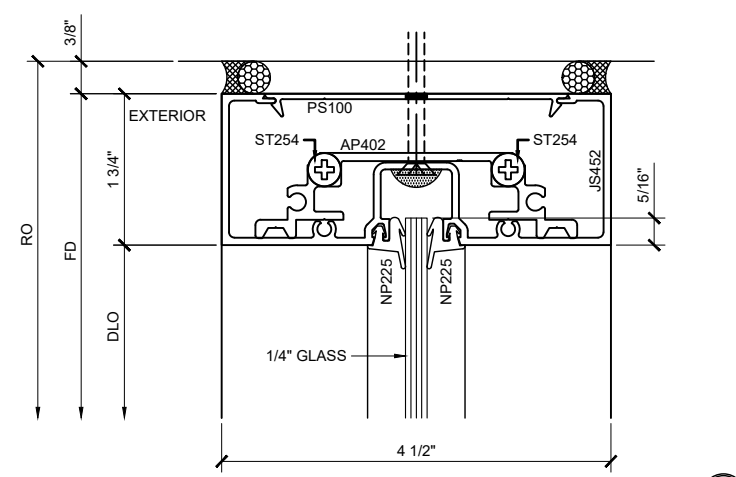
STRUCTURAL DISCLAIMER:

ALL CUSTOMERS WHO IN ANY WAY UTILIZE THIS PRODUCT ARE SOLELY RESPONSIBLE TO CONSULT A STRUCTURAL ENGINEER TO DETERMINE THE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE AND SITE CONDITIONS. ALL INSTALLERS MUST BE QUALIFIED AND HAVE PROFESSIONAL KNOWLEDGE ABOUT COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS, SAFETY FACTORS, AND THE APPROPRIATE CHOICE OF FIXING MATERIAL AND PROCEDURES.

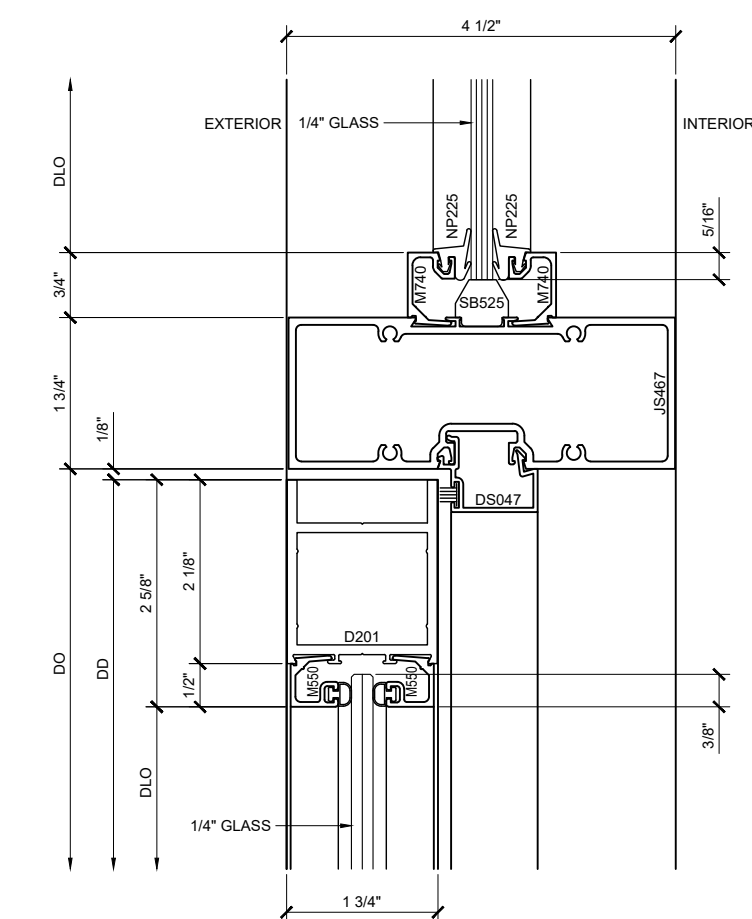
OFFSET-HUNG NARROW STILE SERIES 250 DOOR TYPICAL ELEVATIONS

STANDARD ABBREVIATIONS

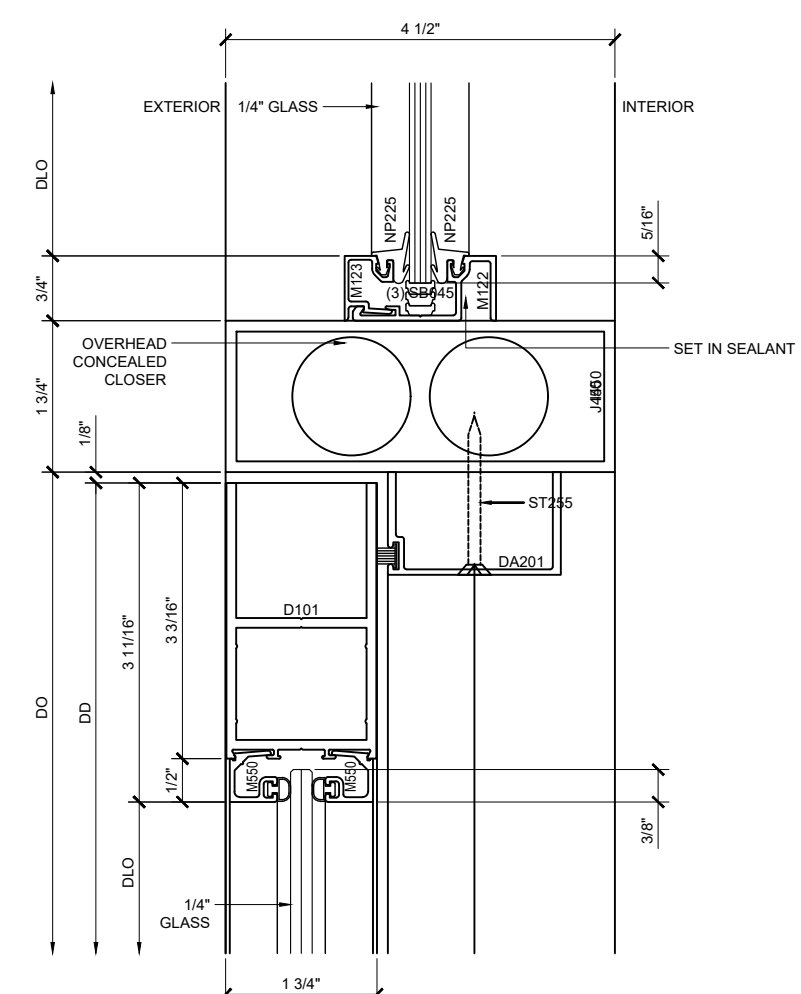
RO	ROUGH OPENING
FD	FRAME DIMENSION
DLO	DAYLITE OPENING
DO	DOOR OPENING
DD	DOOR DIMENSION
SMC	SURFACE MOUNTED CLOSER
OHCC	OVERHEAD CONCEALED CLOSER



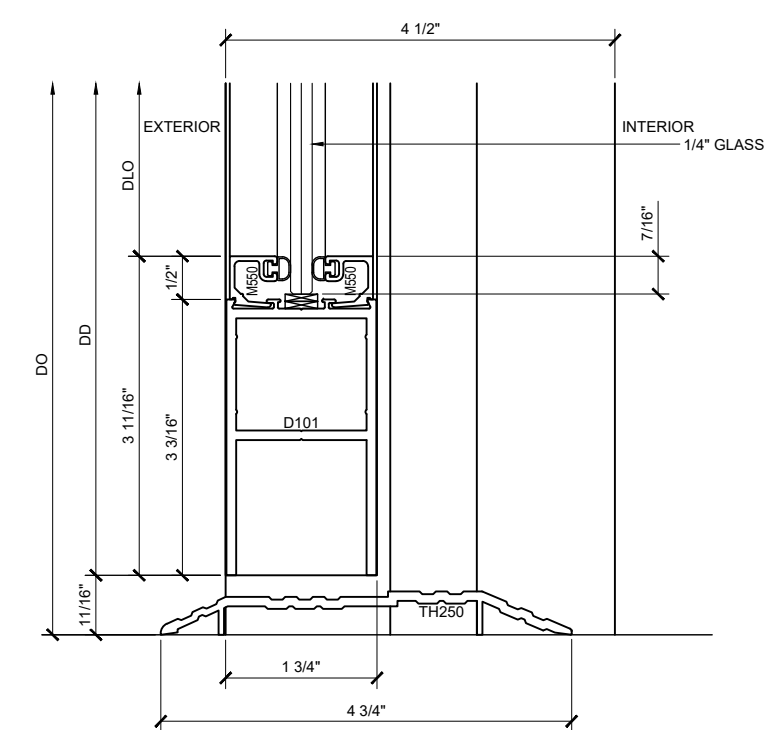
SECTION DETAIL @ STOREFRONT HEAD 12



SECTION DETAIL @ DOOR HEAD WITH SMC OR FLOOR CLOSER 13

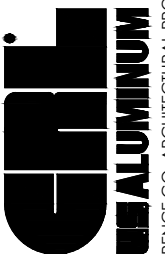


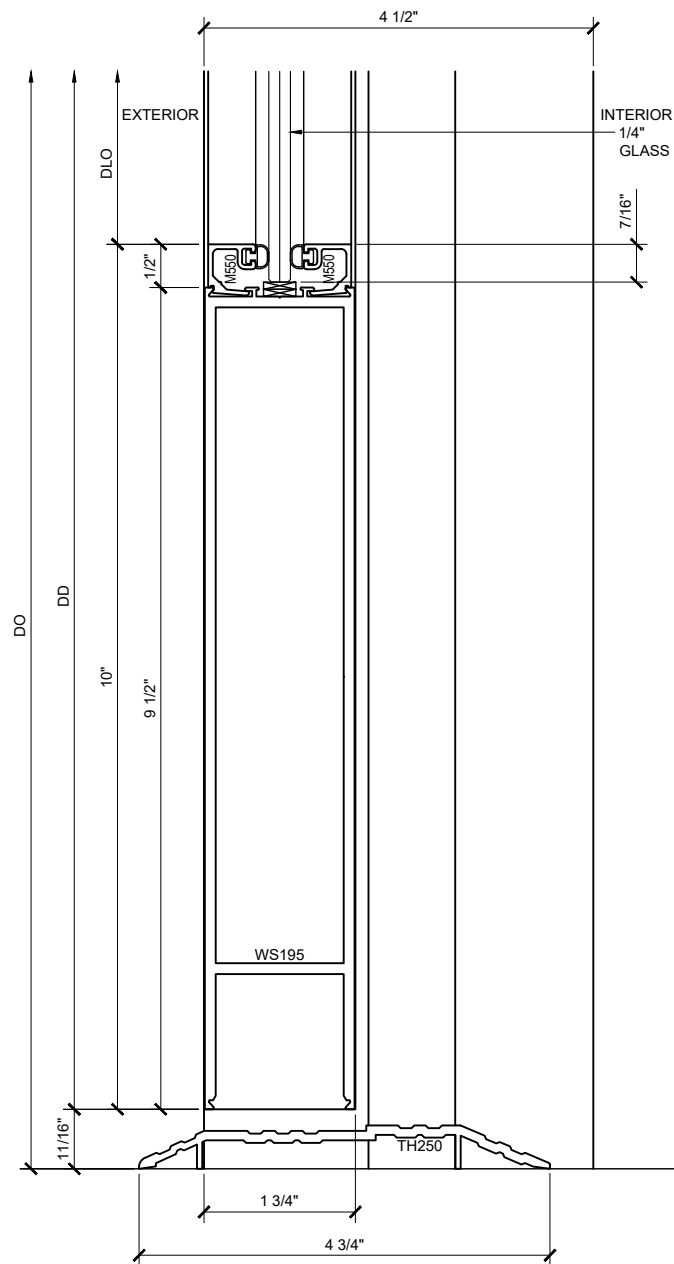
SECTION DETAIL @ DOOR HEAD WITH OHCC 14



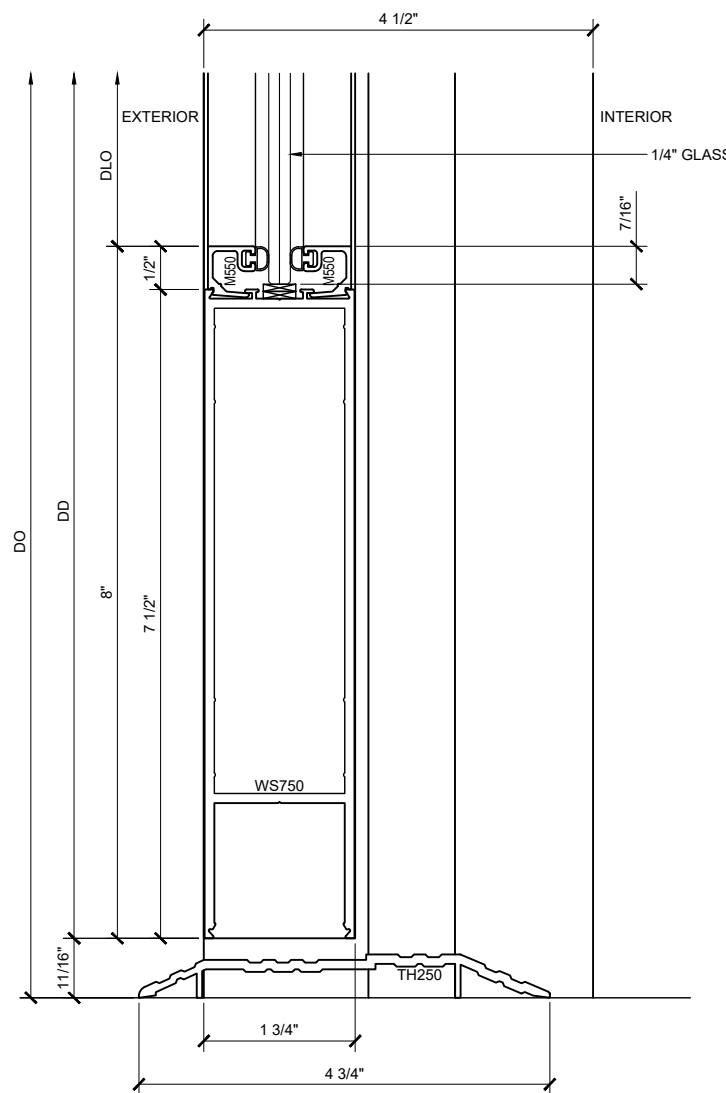
SECTION DETAIL @ DOOR SILL 15

SERIES 450 CENTER GLAZED STOREFRONT SYSTEM DOOR FRAMING DETAILS (SHOWN WITH NARROW STILE OFFSET HUNG SERIES 250 DOOR SYSTEM)

Revisions By:	
 C.R. LAURENCE CO. ARCHITECTURAL PRODUCTS 2503 E. Vernon Avenue, Los Angeles, CA 90058-1897 PH: (800)-421-6144 FX: (800)-987-7501 www.crlaurence.com	
Description: U.S. ALUMINUM SERIES 450 CENTER GLAZED STOREFRONT SYSTEM	
Drawn By: AAD Date: 12/14/12 Scale: AS NOTED File Name: SF 450	
Sheet	
10.2	



SECTION DETAIL @ ADA DOOR SILL (16)
(7 1/2" VERSION IS ALSO AVAILABLE)



SECTION DETAIL @ DOOR SILL (16A)

SERIES 450 CENTER GLAZED STOREFRONT SYSTEM DOOR FRAMING DETAILS (SHOWN WITH NARROW STILE OFFSET HUNG SERIES 250 DOOR SYSTEM)

Revisions By:

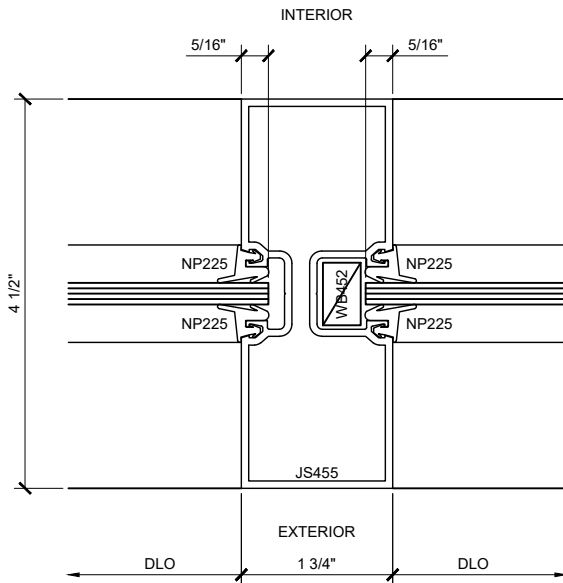
CAL
U.S. ALUMINUM
C.R. LAURENCE CO. ARCHITECTURAL PRODUCTS
2503 E. Vernon Avenue, Los Angeles, CA 90058-1897
PH: (800)-421-6144 FX: 800-987-7501 www.crlaurence.com

Description:
U.S. ALUMINUM
SERIES 450 CENTER GLAZED
STOREFRONT SYSTEM

Drawn By: AAD
Date: 12/14/12
Scale: AS NOTED
File Name: SF 450

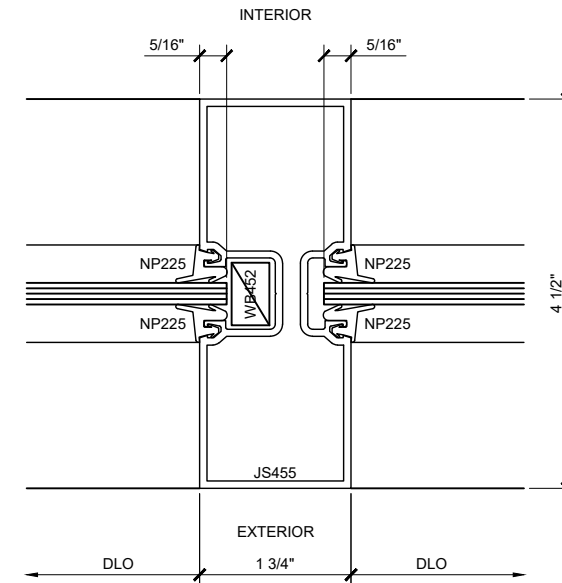
Sheet

10.3



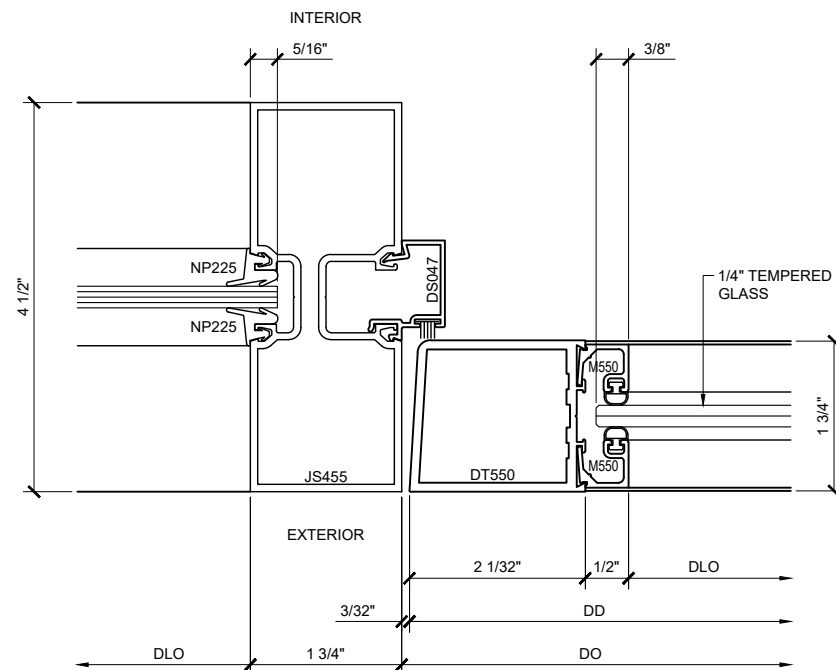
SECTION DETAIL @ VERTICAL

17



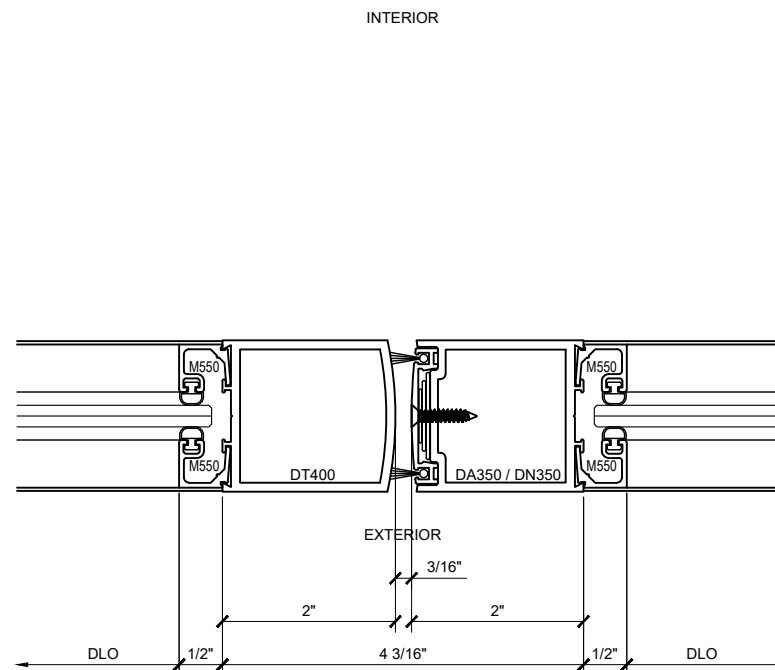
SECTION DETAIL @ VERTICAL

20



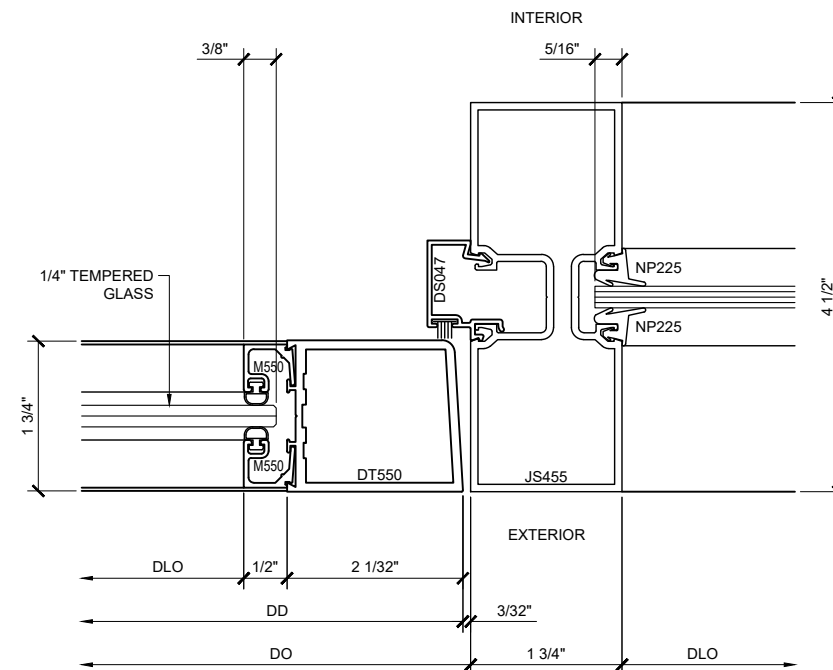
SECTION DETAIL @ DOOR JAMB

18



SECTION DETAIL @ MEETING STILES

19



SECTION DETAIL @ DOOR JAMB

21

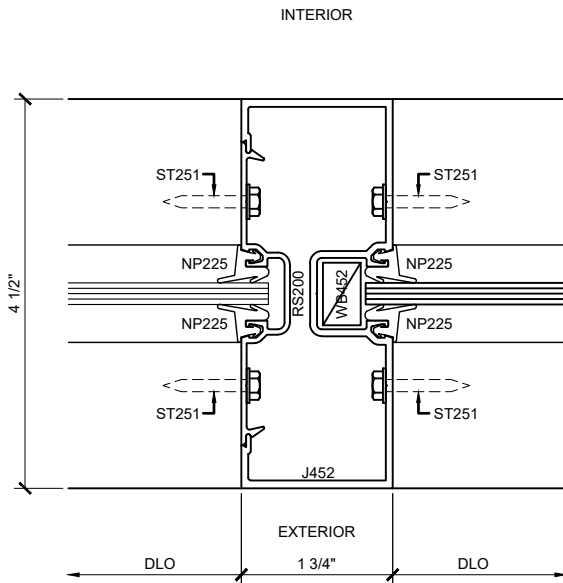
Revisions By:

U.S. ALUMINUM
C.R. LAURENCE CO. ARCHITECTURAL PRODUCTS
2503 E. Vernon Avenue, Los Angeles, CA 90058-1897
PH: (800)-421-6144 FX: (800)-807-7501 www.crlaurence.com

Description:
U.S. ALUMINUM
SERIES 450 CENTER GLAZED
STOREFRONT SYSTEM

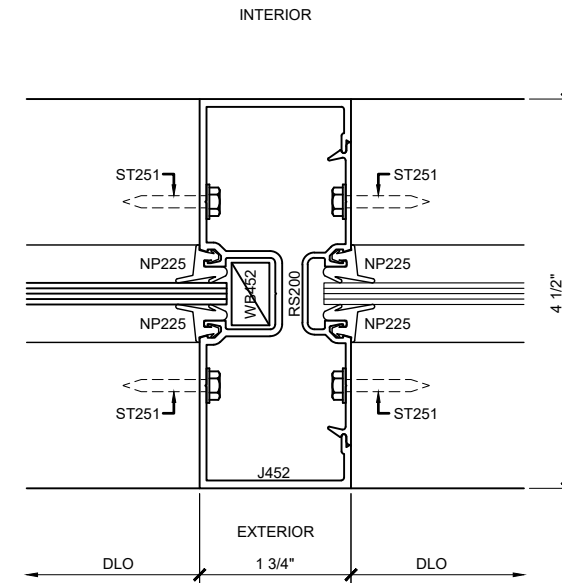
Drawn By: AAD
Date: 12/14/12
Scale: AS NOTED
File Name: SF 450

Sheet



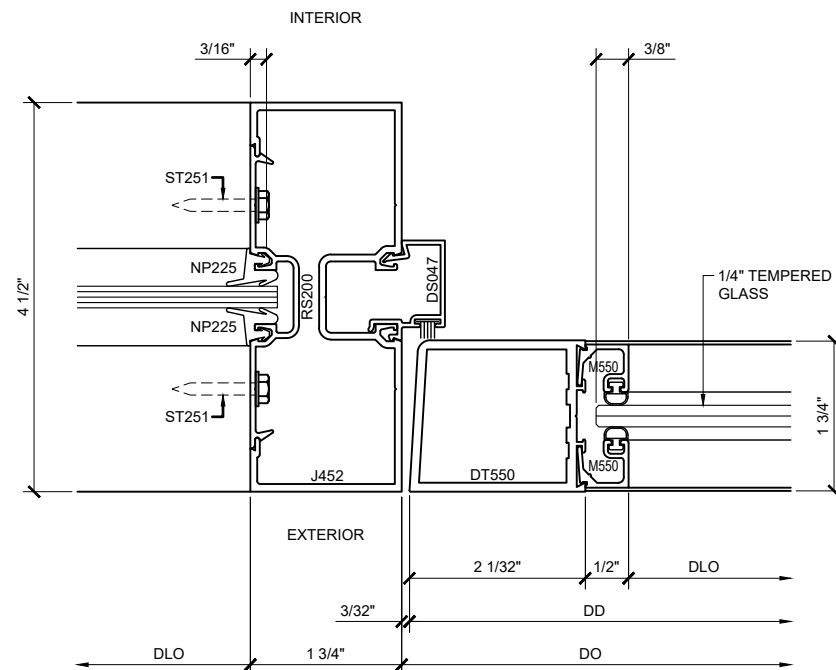
SECTION DETAIL @ VERTICAL

17



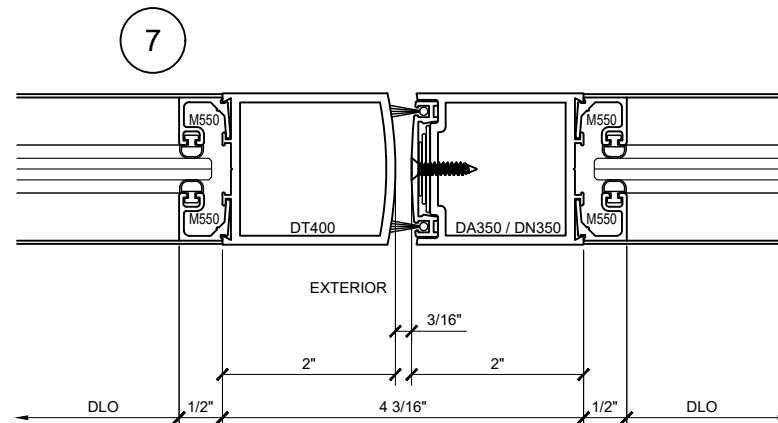
SECTION DETAIL @ VERTICAL

20



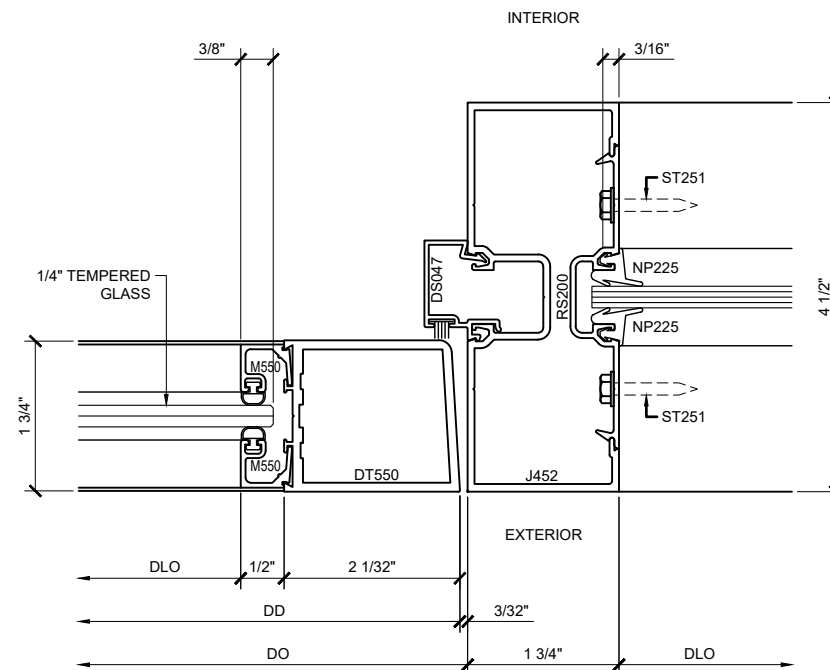
SECTION DETAIL @ DOOR JAMB

18



SECTION DETAIL @ MEETING STILES

19



SECTION DETAIL @ DOOR JAMB

21

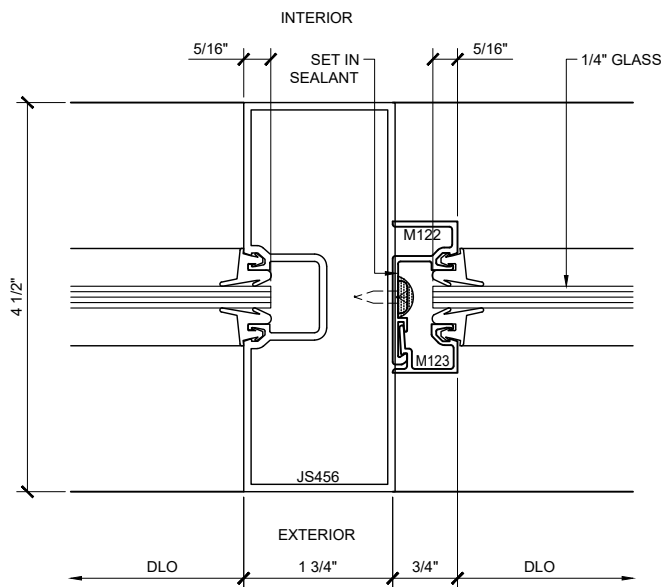
Revisions By:

U.S. ALUMINUM
C.R. LAURENCE CO. ARCHITECTURAL PRODUCTS
2503 E. Vernon Avenue, Los Angeles, CA 90058-1897
PH: (800)-421-6144 FX: (800)-807-7501 www.crlaurence.com

Description:
U.S. ALUMINUM
SERIES 450 CENTER GLAZED
STOREFRONT SYSTEM

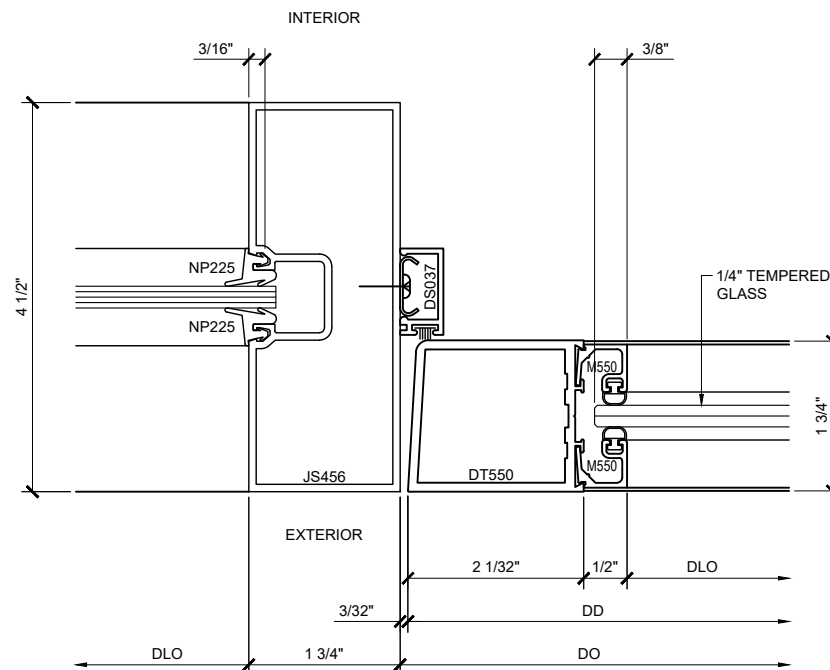
Drawn By: AAD
Date: 12/14/12
Scale: AS NOTED
File Name: SF 450

Sheet



SECTION DETAIL @ VERTICAL

17A



SECTION DETAIL @ MEETING STILES

18A

SERIES 450 CENTER GLAZED STOREFRONT SYSTEM OPTIONAL DOOR FRAMING DETAILS (SHOWN WITH NARROW STILE OFFSET HUNG SERIES 250 DOOR SYSTEM)

Revisions By:

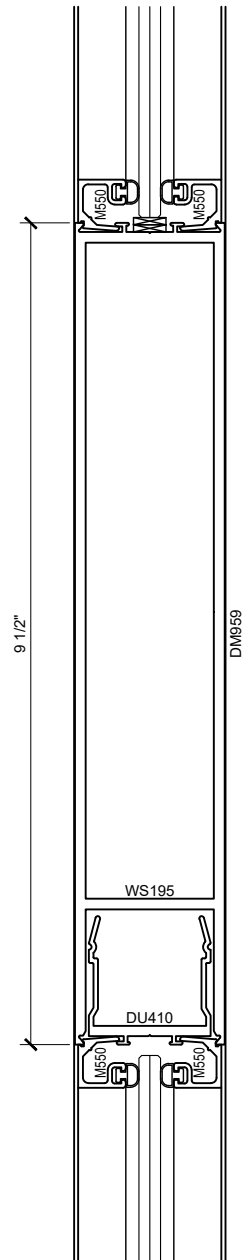
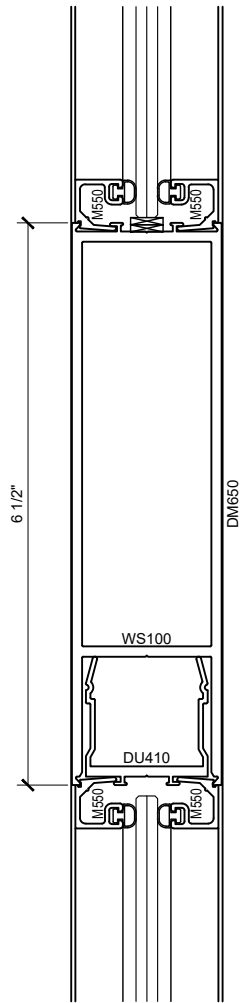
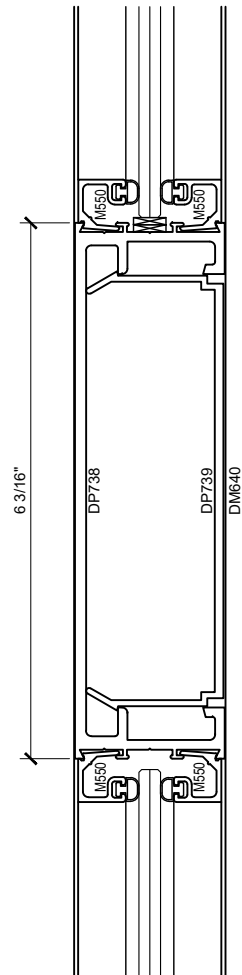
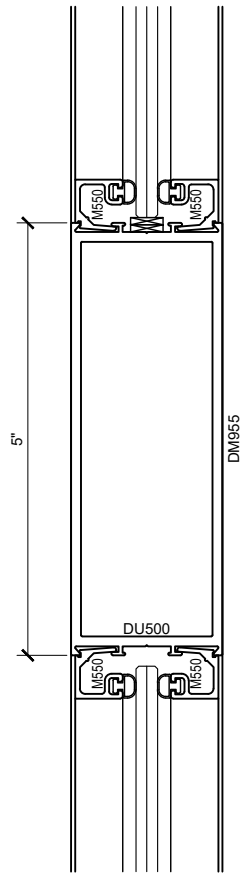
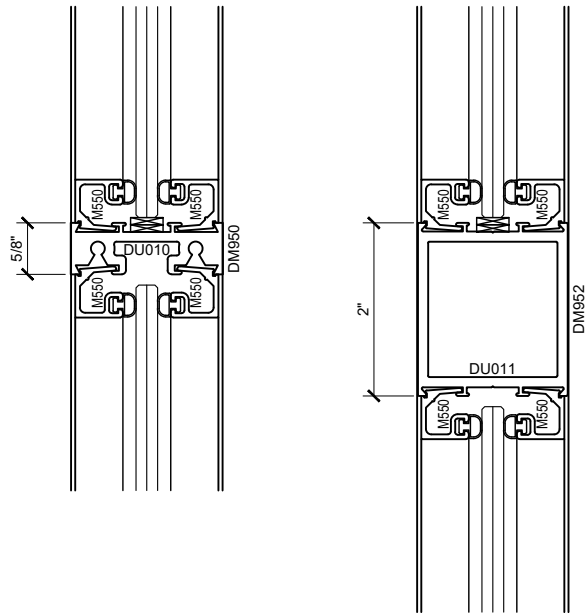
CAL
U.S. ALUMINUM
C. LAURENCE CO. ARCHITECTURAL PRODUCTS
2503 E. Vernon Avenue, Los Angeles, CA 90058-1897
PH: (800)-421-6144 FX: 800-987-7501 www.claluminum.com

Description:
U.S. ALUMINUM
SERIES 450 CENTER GLAZED
STOREFRONT SYSTEM

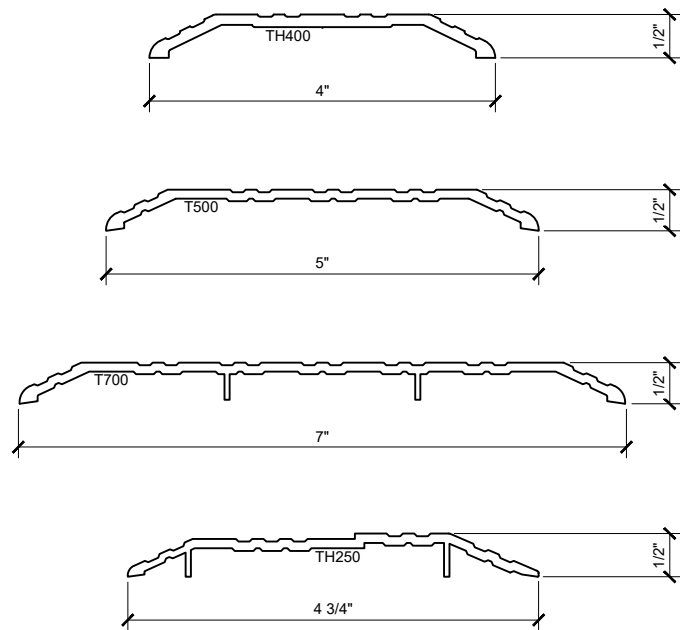
Drawn By: AAD
Date: 12/14/12
Scale: AS NOTED
File Name: SF 450

Sheet

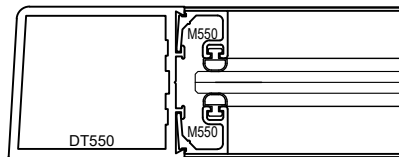
10.6



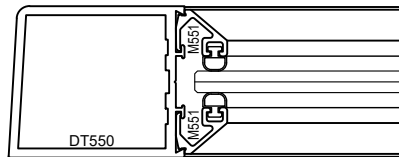
DOOR MUNTINS



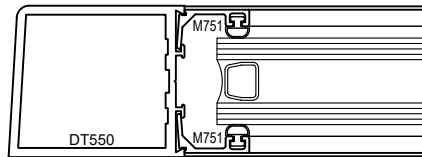
THRESHOLDS



1/4" GLASS - SQUARE

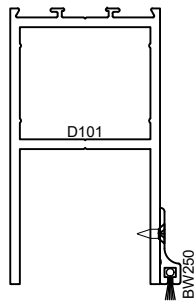
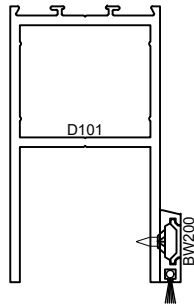
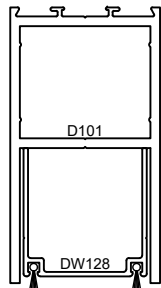
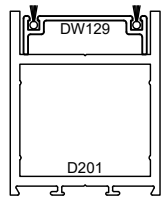


1/4" GLASS - TAPERED



1" GLASS

GLAZING OPTIONS



TOP AND BOTTOM WEATHERSTRIPPING

Revisions By:



Description:
U.S. ALUMINUM
SERIES 450 CENTER GLAZED
STOREFRONT SYSTEM

Drawn By: AAD
Date: 12/14/12
Scale: AS NOTED
File Name: SF 450

Sheet