

GENERAL NOTES:
TEST STANDARDS
TAS201, TAS202, TAS203
WATER INFILTRATION 13 PSF
AIR INFILTRATION 6.27 PSF
TYPICAL GLASS BITE 9/16" UNLESS OTHERWISE NOTED
1/4" MINIMUM SHIM SPACE @ PERIMETER UNLESS OTHERWISE NOTED
THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH
FLORIDA BUILDING CODE 2010 EDITION FOR HVHZ
MATERIALS THAT COME IN CONTACT WITH OTHER DISSIMILAR MATERIALS
SHALL MEET REQUIREMENTS OF 2010 FLORIDA BUILDING CODE
SECTION 2003.8.4

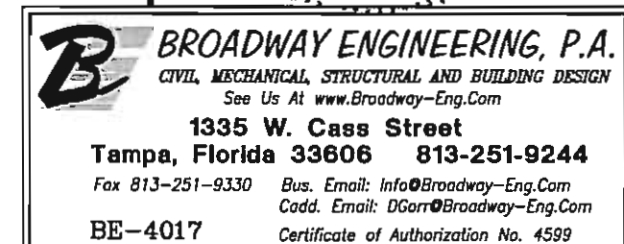
SERIES 281 & 381 DOORS SHOWN ON DRAWINGS ARE UNDER
SEPARATE APPROVAL NUMBER PREVAILING PRESSURE OF DOOR WILL
PREVAIL WHEN USED IN THIS SYSTEM

DRY GLAZE SYSTEM MUST BE USED WITH DUPONT SENTRY GLAS®
.090 INTERLAYER THICKNESS.

INDEX TO DRAWINGS	
1	INDEX TO DRAWINGS AND NOTES
2	DOOR FRAMING ELEVATION WITH HEAVY MULLION
3	DOOR FRAMING ELEVATION WITH STANDARD MULLION
4	FRAMING DETAILS
5	FRAMING DETAILS
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7	BILL OF MATERIALS
8	DIE DRAWINGS
9	CONCRETE SUBSTRATE ANCHOR LOCATIONS
10	STEEL SUBSTRATE ANCHOR LOCATIONS
11	STEEL STUD SUBSTRATE ANCHOR LOCATIONS
12	WOOD SUBSTRATE ANCHOR LOCATIONS

ABBREVIATIONS:

DIA. = DIAMETER
D.L.O. = DAY LIGHT OPENING
EXT. = EXTERIOR
ELEVS. = ELEVATIONS
INT. = INTERIOR
MAX. = MAXIMUM
MIN. = MINIMUM
O.C. = ON CENTER
OPP. = OPPOSITE
TYP. = TYPICAL



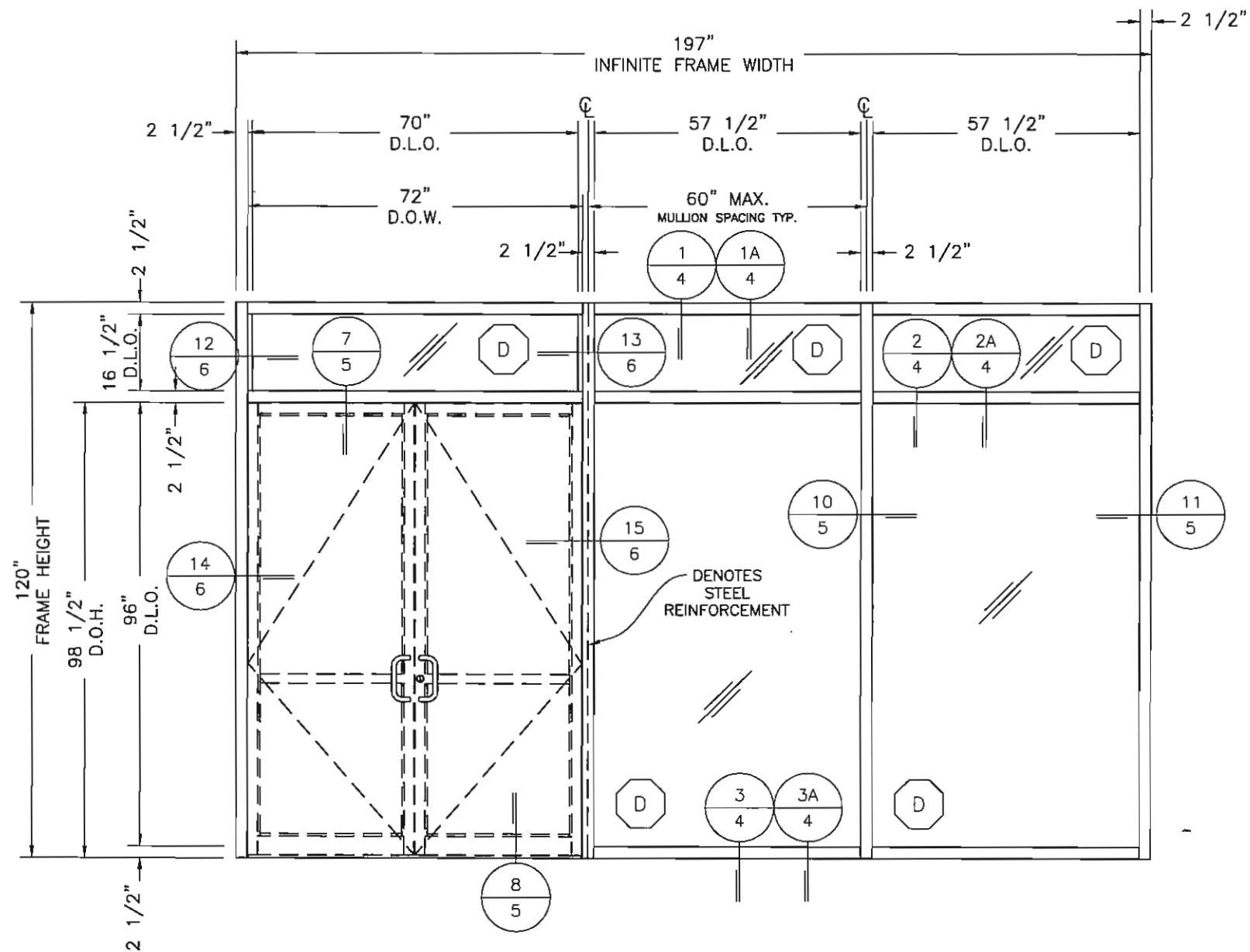
PRODUCT APPROVAL FOR
FL500 DRY GLAZE SYSTEM

Coral

▪ Architectural Products ▪

3010 RICE MINE ROAD, TUSCALOOSA, AL 35406
PHONE: 800-772-7737 FAX: 800-255-7320

[illegible]



NOTES:

DESIGN PRESSURE = +45/-45 PSF
NS281 AND MS381 UNDER SEPARATE
APPROVAL. DRY GLAZE SYSTEMS ARE
APPROVED WITH DUPONT SENTRY
GLAS® INTERLAYERS ONLY.

ELEVATION E1 TYPICAL HEAVY WALL MULLION

0 1'-4" 2'-8" 5'-4"
SCALE: 3/8"=1'-0"

GLAZING SCHEDULE

GLASS MARK SYMBOL	GLASS TYPE	MANUFACTURER	MAXIMUM D.L.O. SIZE	MAXIMUM SQUARE FEET
D	.25 TEMPERED X .090 SENTRY GLAS® X .25 TEMPERED 9/16" OVERALL	DUPONT®	57 1/2" x 96"	38.3



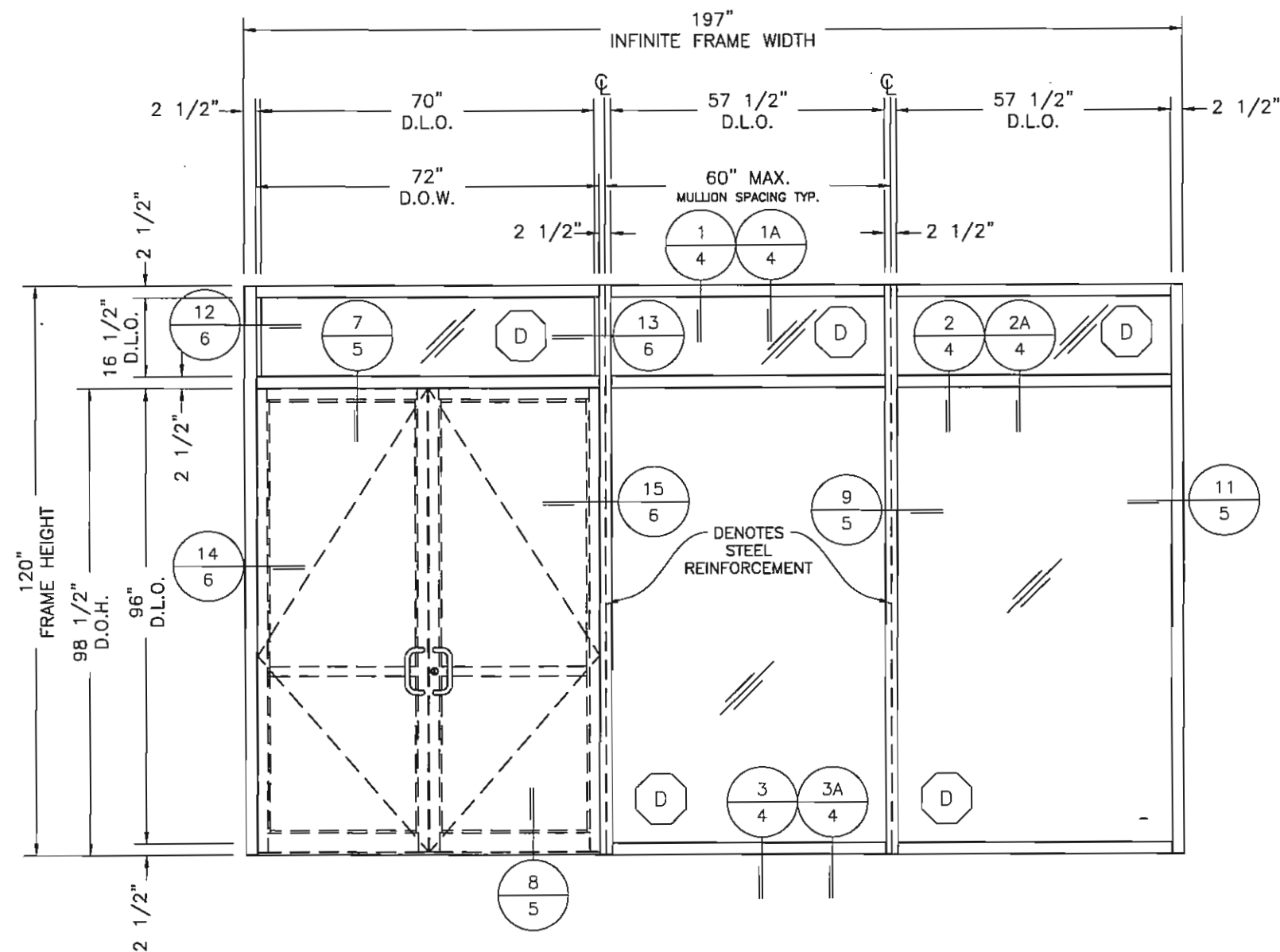
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PRODUCT APPROVAL FOR
FL500 DRY GLAZE SYSTEM
DOOR FRAMING ELEVATION WITH HEAVY
MULLION

DATE	5/25/2012
DRAWN	DEG
CHECKED	EAB
APPROVED	EAB
PROJECT NO.	
DRAWING NO.	FL500_04
SHEET	2 OF 12

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REV	BY	DATE	DESCRIPTION
1			
2			
3			
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15			



NOTES:
 DESIGN PRESSURE = +70/-70 PSF
 NS281 AND MS381 UNDER SEPARATE
 APPROVAL. DRY GLAZE SYSTEMS ARE
 APPROVED WITH DUPONT SENTRY
 GLAS® INTERLAYERS ONLY

ELEVATION E2 TYPICAL STANDARD MULLION

0 1'-4" 2'-8" 5'-4"
 SCALE: 3/8"=1'-0"

GLAZING SCHEDULE				
GLASS MARK SYMBOL	GLASS TYPE	MANUFACTURER	MAXIMUM D.L.O. SIZE	MAXIMUM SQUARE FEET
D	.25 TEMPERED X .090 SENTRY GLAS® X .25 TEMPERED 9/16 OVERALL	DUPONT®	57 1/2" x 96"	38.3



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PRODUCT APPROVAL FOR
 FL500 DRY GLAZE SYSTEM
 DOOR FRAMING ELEVATION WITH STEEL

DATE		
5/25/2012		
DRAWN	CHECKED	APPROVED
DEG	EAB	EAB
PROJECT NO.		
DRAWING NO.		
FL500_04		
SHEET		
3 OF 12		

DESCRIPTION

REV BY DATE

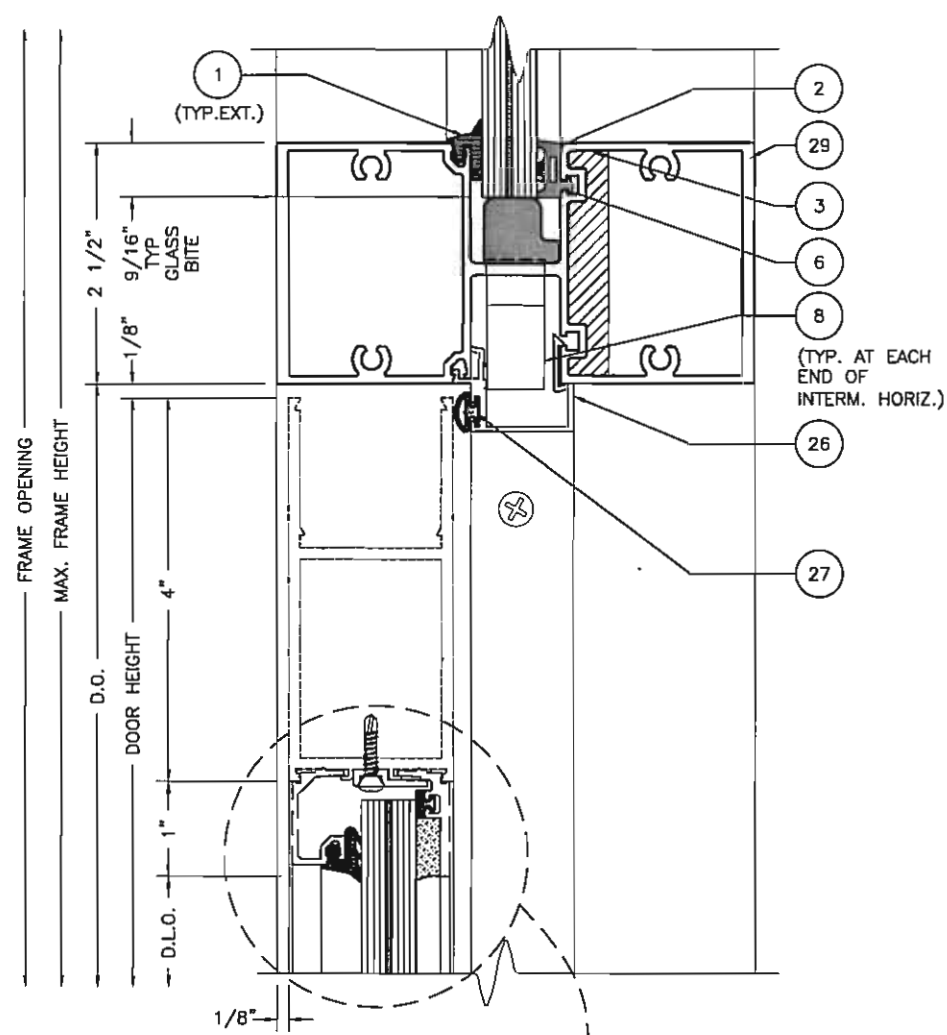


FRAMING DETAILS

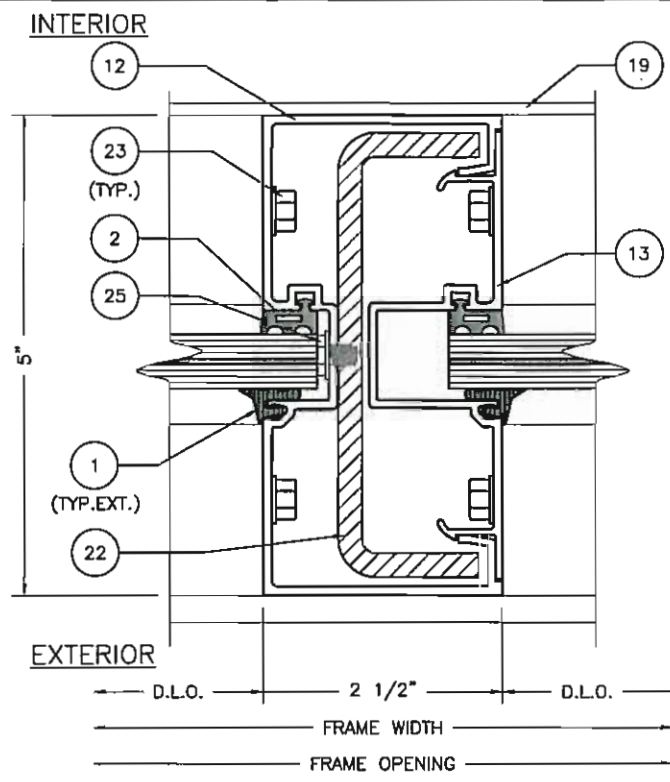
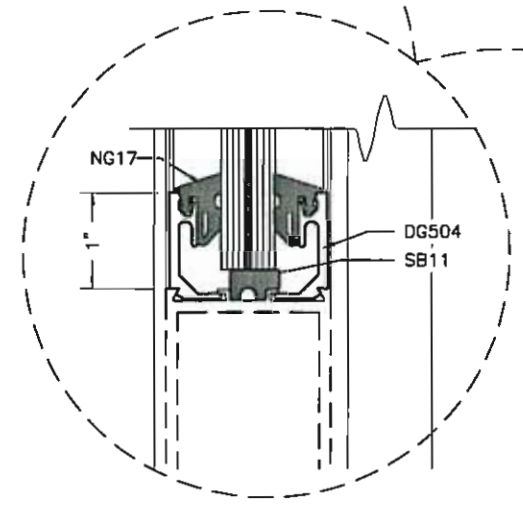
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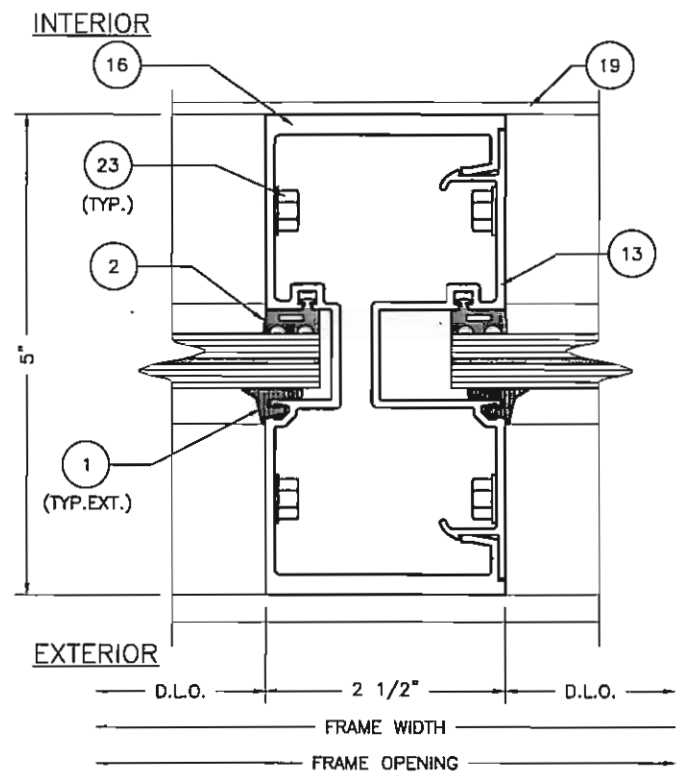
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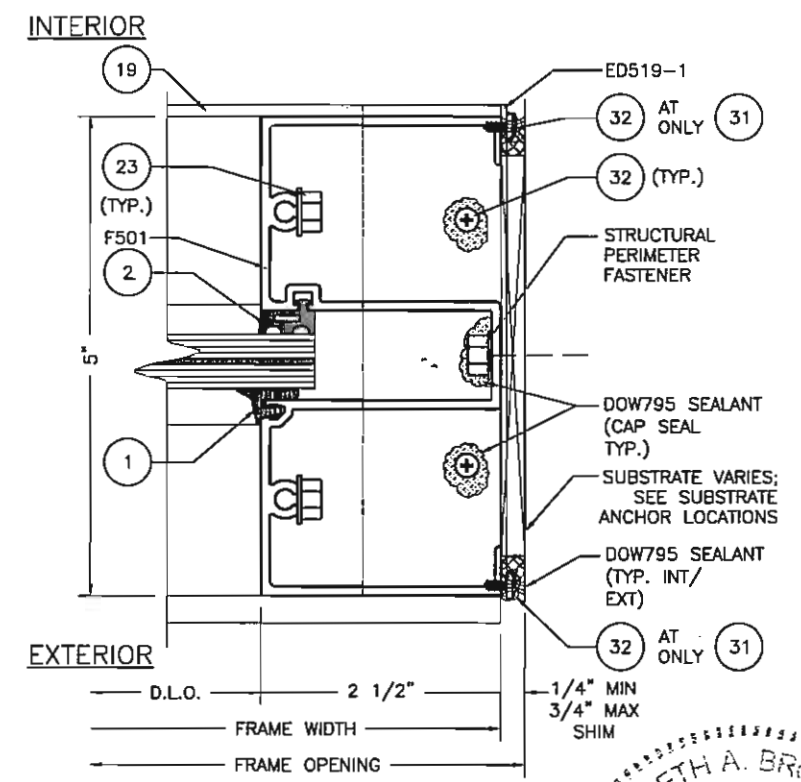
7 DETAIL
5 SCALE: 1:2



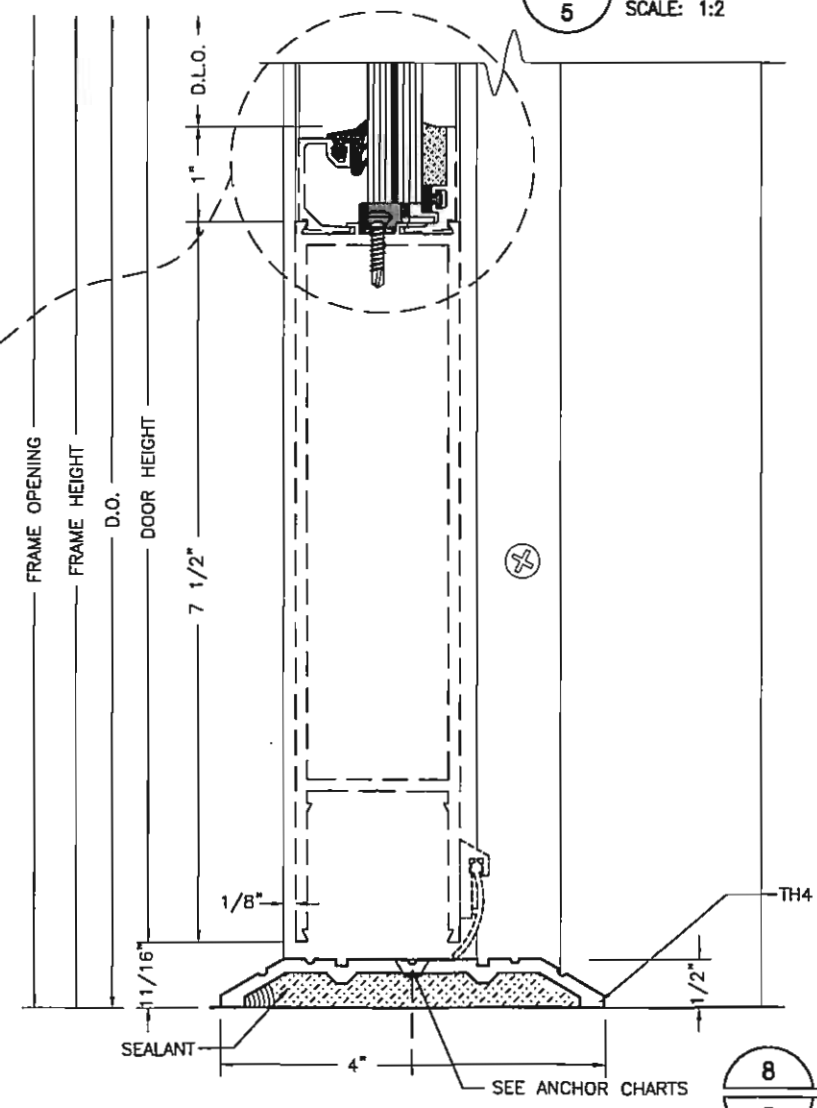
9 VERTICAL W/ STL. REINF.
5 SCALE: 1:2



10 VERTICAL
5 SCALE: 1:2



11 WALL JAMB
5 SCALE: 1:2



8 DETAIL
5 SCALE: 1:2

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PRODUCT APPROVAL FOR
FL500 DRY GLAZE SYSTEM
FRAMING DETAILS

DATE	DRAWN	CHECKED	APPROVED
5/25/2012	DEG	EAB	EAB

PROJECT NO.
DRAWING NO.
FL500_04
SHEET 5 OF 12



PRODUCT APPROVAL FOR FL500 DRY GLAZE SYSTEM

DATE 5/25/2012		
DRAWN DEG	CHECKED EAB	APPROVED EAB
PROJECT NO.		
DRAWING NO. FL500_04		
SHEET 6 OF 12		

BILL OF MATERIALS

ITEM NO.	P/N	DESCRIPTION	DIMENSIONS	MATERIAL	MANUFACTURER	NOTES
1	NG1	EXTERIOR GLAZING GASKET	0.120 SPACE	EPDM	VARIES	MEETS ASTM C864
2	NG15	INTERIOR GLAZING GASKET	0.120 SPACE	EPDM	VARIES	MEETS ASTM C864
3	SM5601	JOINT SEALANT TAPE	0.500 X 0.125 X VARIES	BUTYL	SCHNEE-MOREHEAD	
4	795	SILICONE- PERIMETER SEALANT	FILL SPACE	SILICONE	DOW CORNING	USED AT PERIMETER
5	995	SILICONE- GLASS TO METAL	FILL SPACE	SILICONE	DOW CORNING	GLASS TO METAL AND INTERNAL
6	SB13	SETTING BLOCK • SILL & HORIZONTAL	0.800 X 0.688 X 4.000	EPDM	VARIES	2 PER LITE, SHORE HARDNESS A, 80-90 DUROMETER, MEETS ASTM C864
7	AS18	FASTENER	#10 X 1-1/4" FHP	STEEL	VARIES	
8	WD200-1	WATER DIVERTER	1.358 X 0.940 X 0.050	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	AT EACH END OF INTERM. HORIZ.
9	FL501	HEAD OR WALL JAMB	2.500 X 5.000 X 0.094	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
10	FL502	SILL OR HEAD	2.500 X 4.980 X 0.094	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
11	FL503	GLASS STOP	1.250 X 2.021 X 0.078	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
12	FL504	STD. VERTICAL MULLION	2.500 X 5.000 X 0.094	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
13	FL505	OPEN BACK MULLION FILLER	0.681 X 4.670 X 0.080	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
14	FL506	INTERMEDIATE HORIZONTAL	2.500 X 4.980 X 0.094	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
15	FL515	FLAT FILLER AT DOOR JAMBS	0.681 X 4.670 X 0.080	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	RUNS FULL LENGTH OF DOOR JAMB AT WALL
16	FL516	HEAVY VERTICAL MULLION	2.500 X 5.000 X 0.213	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
17	FL517	TRANSOM SASH	1.980 X 1.000 X 0.062	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
18	FL518	TRANSOM GLASS STOP	0.767 X 0.872 X 0.062	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
19	FL519	SUBSILL FLASHING	2.620 X 5.402 X 0.084	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
20	CS500-1	SETTING CHAIR	1.156 X 0.844 X 0.078	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
21	ED519-1	SILL FLASHING END DAM	2.500 X 1.000 X 0.062	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
22	SR504	STEEL REINFORCEMENT	4.562 X 1.250 X 0.250	A36 STEEL	VARIES	STEEL REINFORCEMENT FOR (12) (PRIMED RED OXIDE)
23	AS16	FASTENER	#14 X 1 HHSTS	STEEL	VARIES	TYP. SPLINE SCREW VERTICAL/HORIZONTAL JOINTS
24	AS31	FASTENER	#6 X 3/8" PPH	STEEL	VARIES	ATTACH (19) TO (17)
25	AS38	FASTENER	#10-24 X 3/8" HH	STEEL	VARIES	ATTACH (22) TO (12)
26	DS501	DOOR STOP	1.008 X 1.258 X 0.050	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
27	NG5	DOOR STOP GASKET	0.070 SPACE	EPDM	VARIES	MEETS ASTM C864
28	AS39	FASTENER	#10 X 1-3/4" FHP	STEEL	VARIES	
29	FL507	DOOR HEADER	2.500 X 5.000 X 0.094	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
30	SB20	SETTING BLOCK FOR INVERTED HORIZONTAL	0.800 X 0.588	EPDM	VARIES	2 PER LITE
31	FL529	HIGH PERFORMANCE SUBSILL	2.500 X 5.249 X 0.084	6063-T6 ALUMINUM	CORAL INDUSTRIES, INC.	
32	AS21	FASTENER	#6 X 1/4" PPH TYPE "AB" Z. PLT.	STEEL	VARIES	
33	AS150	FASTENER	#14 X 1-1/2" PPH	STEEL	VARIES	

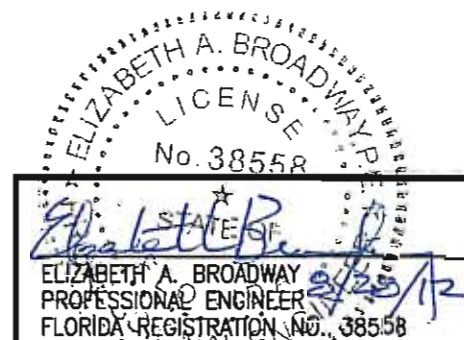
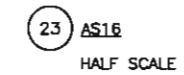
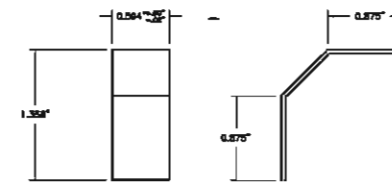
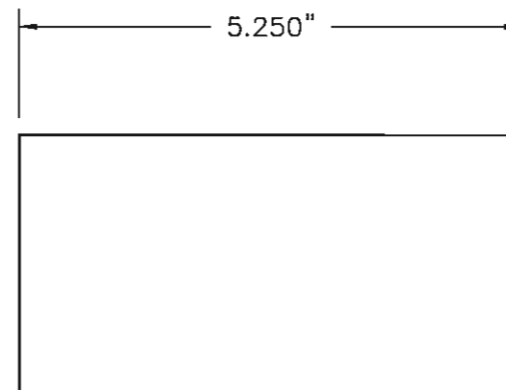
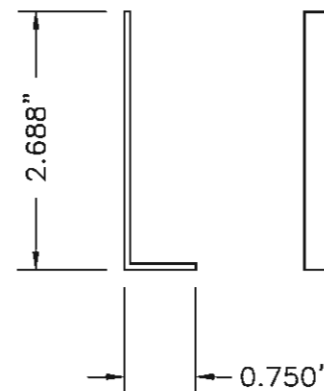
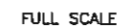
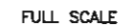
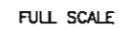
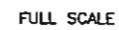
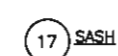
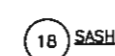
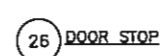
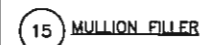
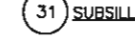
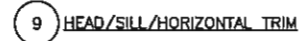
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PRODUCT APPROVAL FOR
FL500 DRY GLAZE SYSTEM
BILL OF MATERIALS

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PROJECT NO.
DRAWING NO. FL500_04
SHEET 7 OF 12



**PRODUCT APPROVAL FOR
FL500 DRY GLAZE SYSTEM**

DIE DRAWINGS

DATE
5/25/2012

DRAWN DEG	CHECKED EAB	APPROVED EAB
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PROJECT NO.

DRAWING NO.
FL500_04

SHEET
8 OF 11

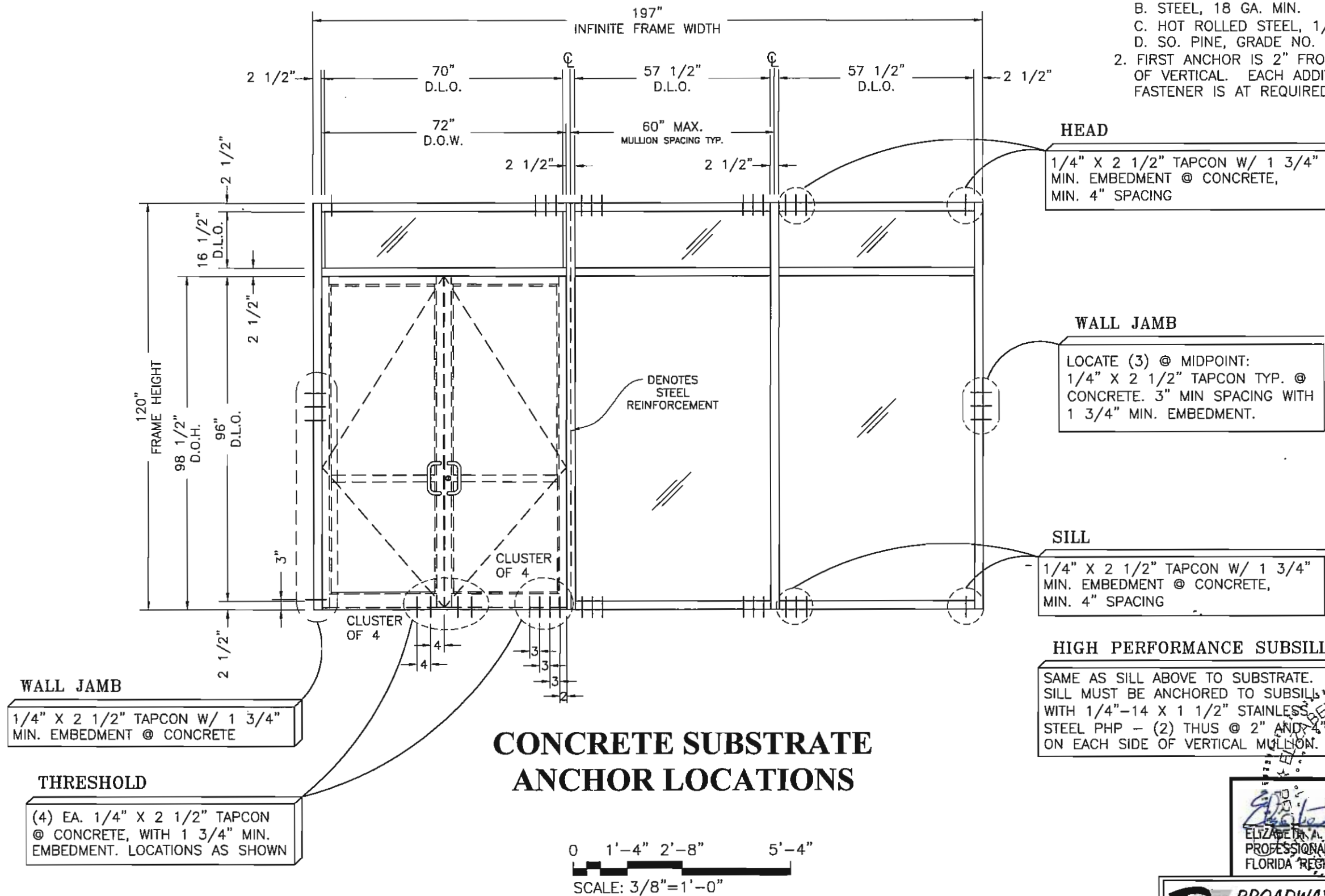
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HEAD

WALL JAMB

SILL

HIGH PERFORMANCE SUBSILL

WALL JAMB

THRESHOLD

CONCRETE SUBSTRATE ANCHOR LOCATIONS

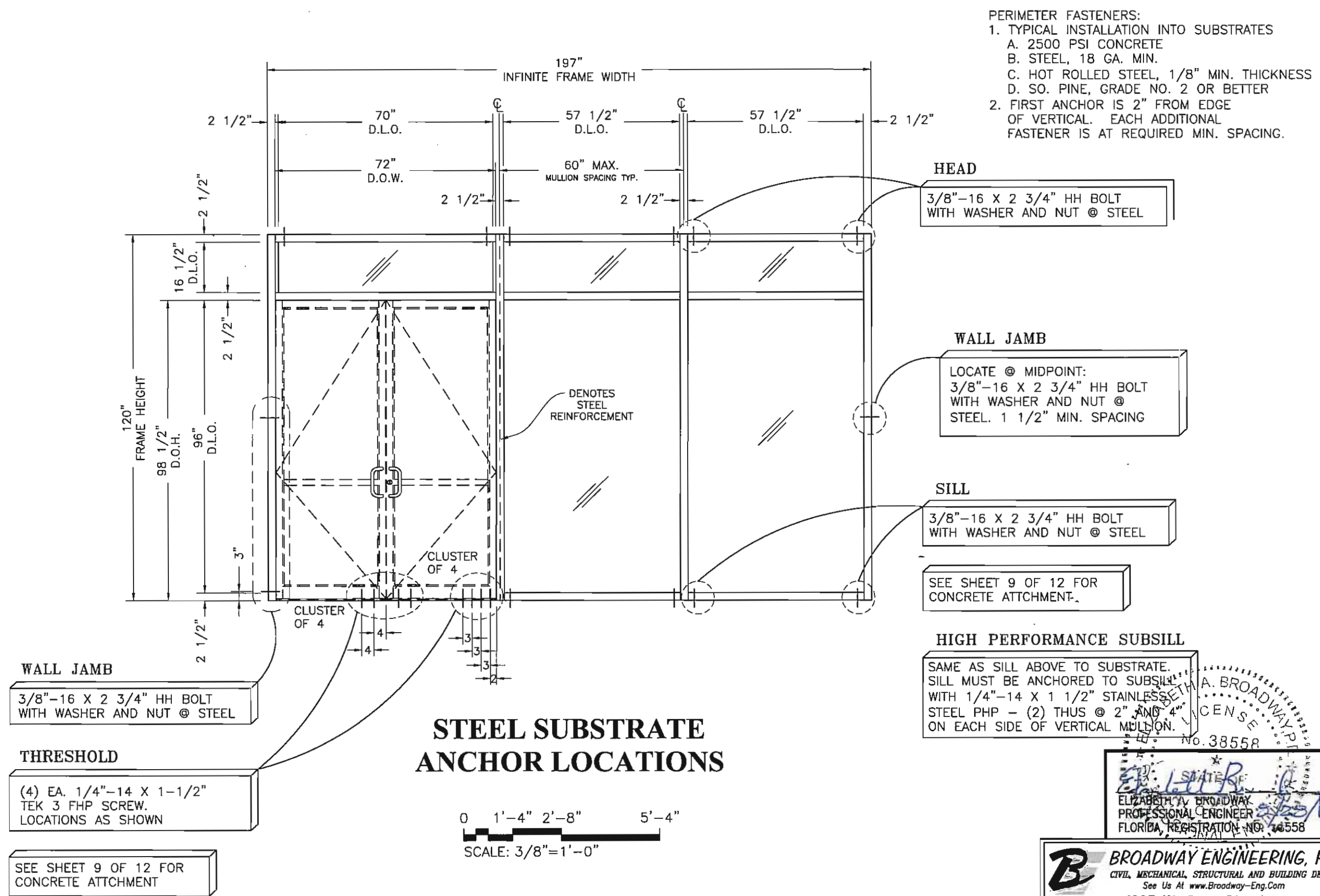
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DRAWING NO. FL500 04		
SHEET 9 OF 12		

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PRODUCT APPROVAL FOR
 FL500 DRY GLAZE SYSTEM

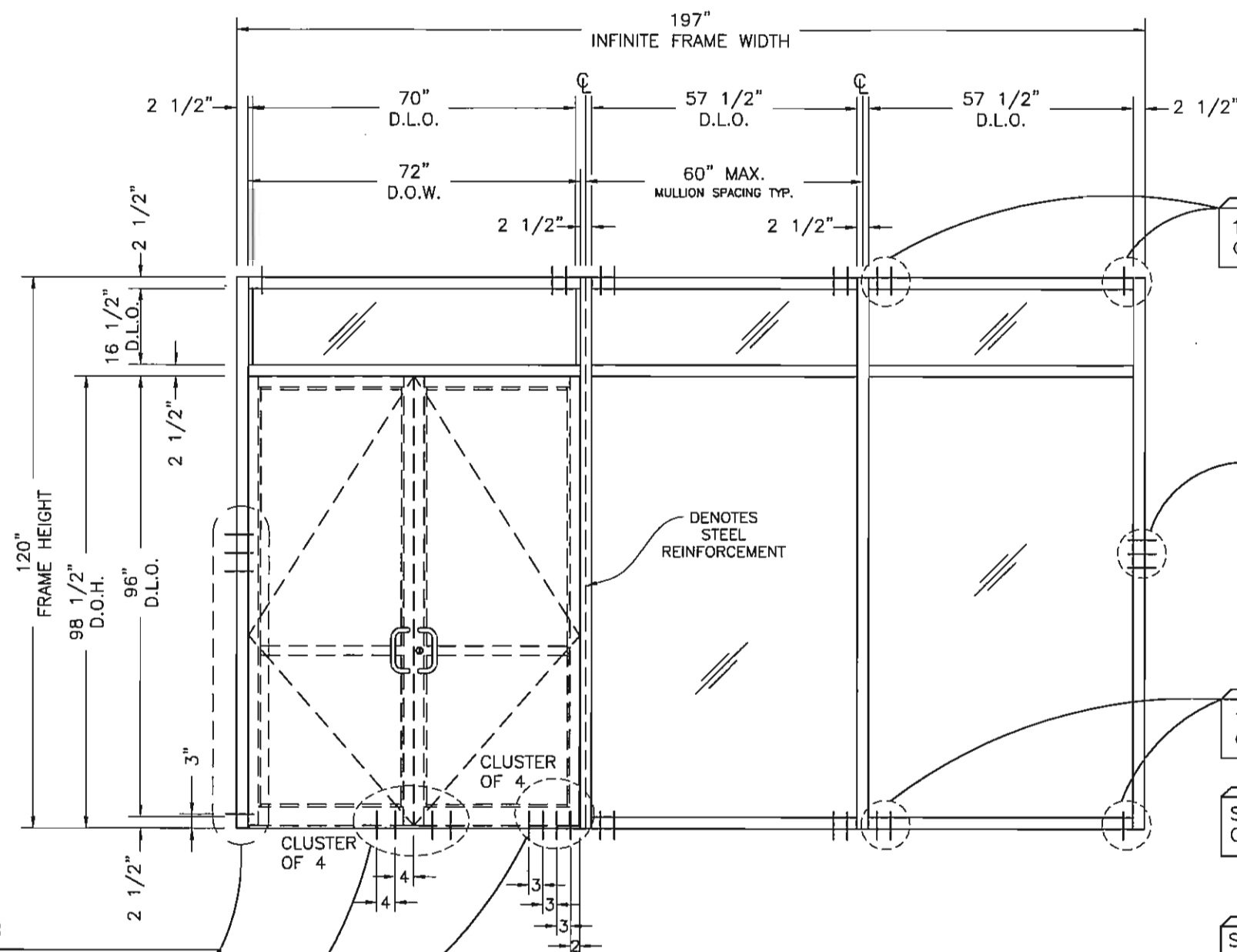
STEEL SUBSTRATE ANCHOR LOCATIONS

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DATE	5/25/2012	
DRAWN	CHECKED	APPROVED
DEG	EAB	EAB
PROJECT NO.		
DRAWING NO.		
FL500_04		
SHEET 10 OF 12		

- PERIMETER FASTENERS:
1. TYPICAL INSTALLATION INTO SUBSTRATES
 - A. 2500 PSI CONCRETE
 - B. STEEL, 18 GA. MIN.
 - C. HOT ROLLED STEEL, 1/8" MIN. THICKNESS
 - D. SO. PINE, GRADE NO. 2 OR BETTER
 2. FIRST ANCHOR IS 2" FROM EDGE OF VERTICAL. EACH ADDITIONAL FASTENER IS AT REQUIRED MIN. SPACING.



HEAD
1/4"-14 X 1 1/2" TEK 3 SCREW
@ STEEL

WALL JAMB
LOCATE (3) @ MIDPOINT:
1/4" X 1 1/2" TEK SCREW
TYP. @ STEEL. 1 1/2" MIN
SPACING

SILL
1/4"-14 X 1 1/2" TEK 3 SCREW
@ STEEL

SEE SHEET 9 OF 12 FOR
CONCRETE ATTCHMENT

HIGH PERFORMANCE SUBSILL
SAME AS SILL ABOVE TO SUBSTRATE.
SILL MUST BE ANCHORED TO SUBSILL
WITH 1/4"-14 X 1 1/2" STAINLESS
STEEL PHP - (2) THUS @ 2" AND 4"
ON EACH SIDE OF VERTICAL MULLION.

WALL JAMB
1/4"-14 X 1 1/2" TEK 3 SCREW
@ STEEL

THRESHOLD
(4) EA. 1/4"-14 X 1-1/2"
TEK 3 FHP SCREW.
LOCATIONS AS SHOWN

SEE SHEET 9 OF 12 FOR
CONCRETE ATTCHMENT

STEEL STUD SUBSTRATE ANCHOR LOCATIONS

0 1'-4" 2'-8" 5'-4"
SCALE: 3/8"=1'-0"

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STEEL STUD SUBSTRATE ANCHOR
LOCATIONS

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SHEET 11 OF 12

