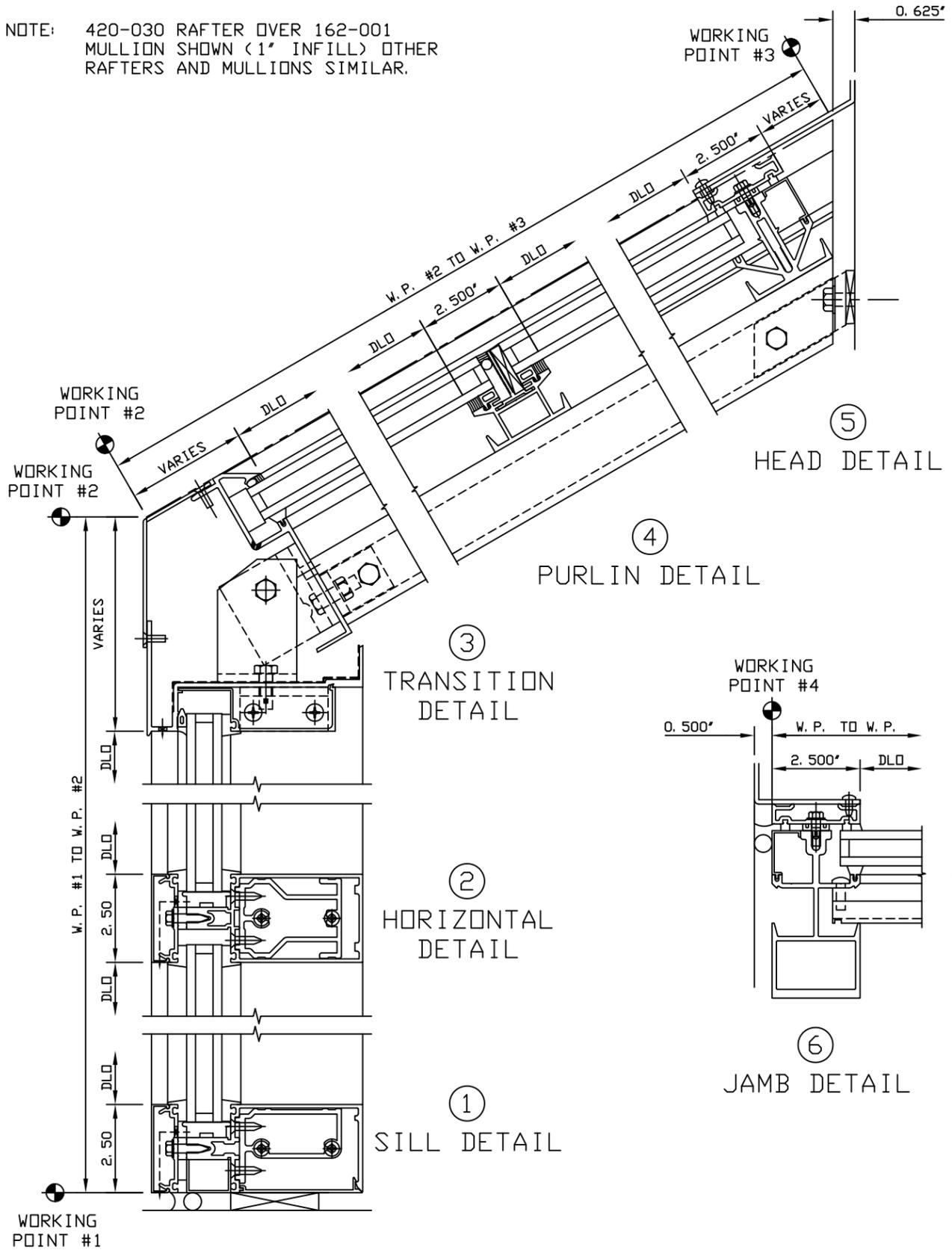


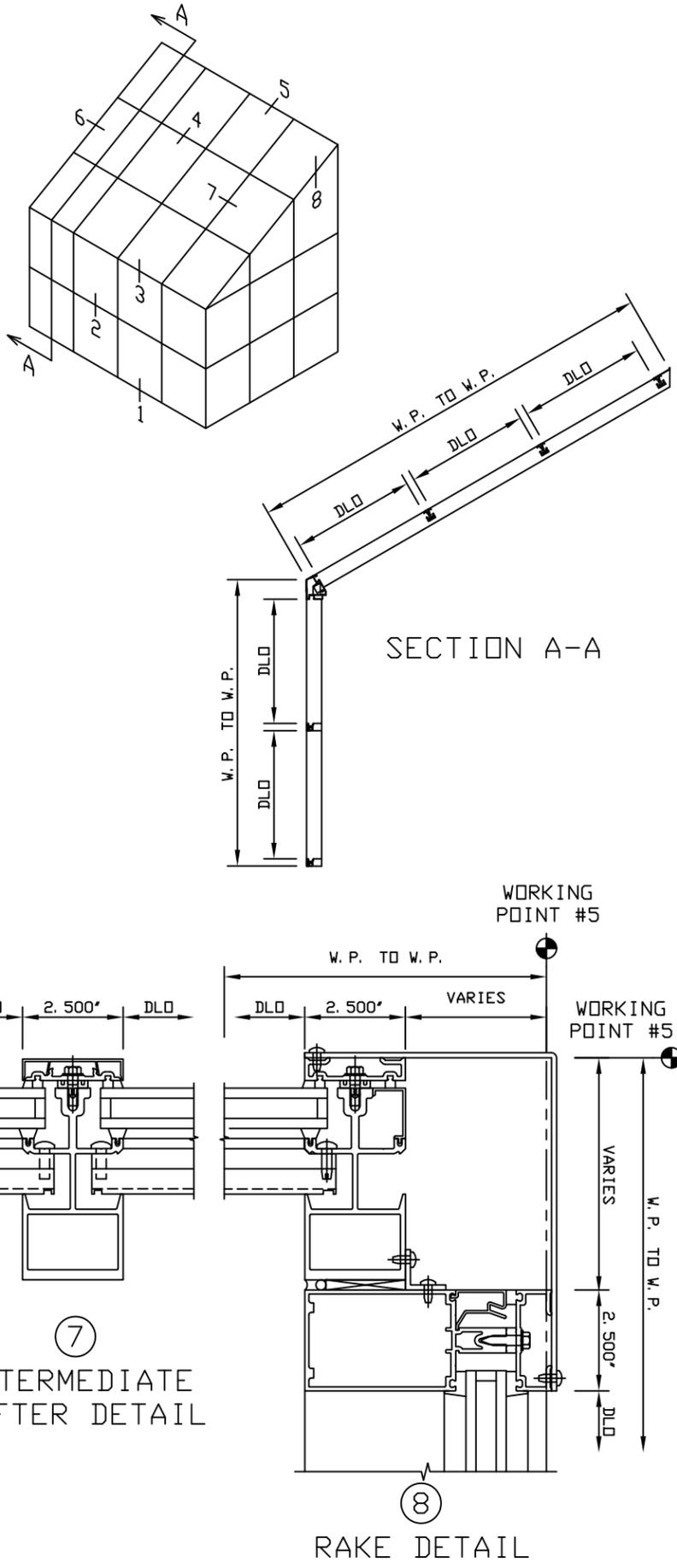
SUPPLEMENTAL INSTRUCTIONS FOR STOCK LENGTH INSTALLATIONS

I. TYPICAL DETAILS

NOTE: 420-030 RAFTER OVER 162-001 MULLION SHOWN (1" INFILL) OTHER RAFTERS AND MULLIONS SIMILAR.

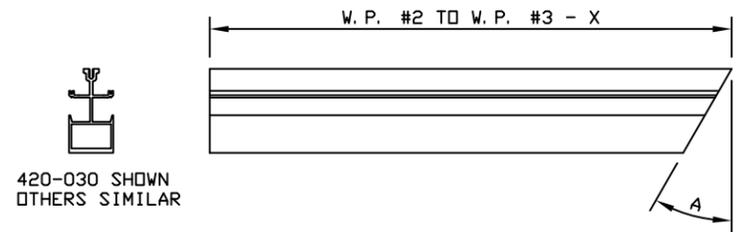


ISOMETRIC VIEW



II. CUT LENGTHS

A. INTERMEDIATE/JAMB/RAKE RAFTERS:



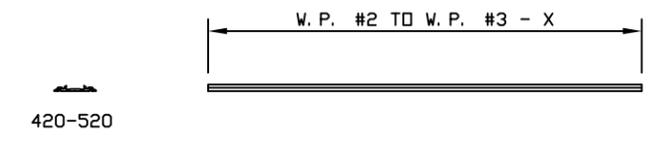
WHEN 414-302 THERMAL SEPARATOR IS USE

$$X = \left(\frac{3.375'}{\cos(A)} \right) - (2.750' \times \tan(A)) + 1.500'$$

WHEN 420-111 THERMAL SEPARATOR IS USED

$$X = \left(\frac{3.375'}{\cos(A)} \right) - (2.563' \times \tan(A)) + 1.500'$$

B. INTERMEDIATE RAFTER PRESSURE PLATES:



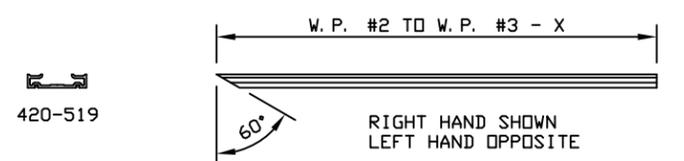
WHEN 414-302 THERMAL SEPARATOR IS USED:

$$X = \left(\frac{3.375'}{\cos(A)} \right) - (0.125' \times \tan(A)) + 4.250'$$

WHEN 420-111 THERMAL SEPARATOR IS USED:

$$X = \left(\frac{3.375'}{\cos(A)} \right) + (0.062' \times \tan(A)) + 4.250'$$

C. JAMB/RAKE PRESSURE PLATES:



WHEN 414-302 THERMAL SEPARATOR IS USED:

$$X = \left(\frac{3.375'}{\cos(A)} \right) - (0.125' \times \tan(A)) + 0.562'$$

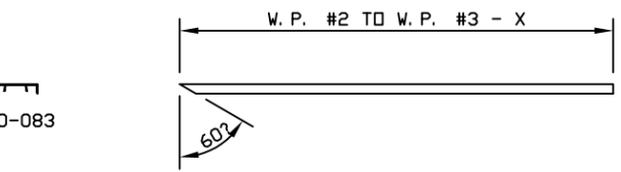
WHEN 420-111 THERMAL SEPARATOR IS USED:

$$X = \left(\frac{3.375'}{\cos(A)} \right) + (0.063' \times \tan(A)) + 0.562'$$

KAWNEER 1600 SLOPED GLAZING SUPPLEMENTARY INSTRUCTIONS FOR STOCK LENGTH INSTALLATIONS	95366-56 12/10/03
	DRAWING:
	ORDER:
	SHT:

PART NO. 420-497 1 OF 3

C. INTERMEDIATE RAFTER COVERS:



420-083

ANGLE 'A' = SLOPE ANGLE

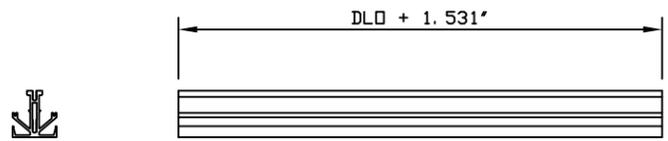
WHEN 414-302 THERMAL SEPARATOR IS USED:

$$X = \left(\frac{3.375'}{\cos(A)} \right) - (0.125' \times \tan(A)) + 3.172'$$

WHEN 420-111 THERMAL SEPARATOR IS USED:

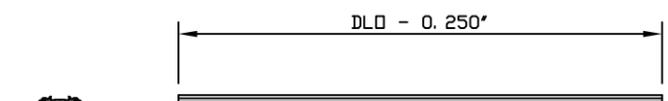
$$X = \left(\frac{3.375'}{\cos(A)} \right) + (0.063' \times \tan(A)) + 3.172'$$

D. PURLINS (INCLUDING SSG):



420-002 SHOWN OTHERS SIMILAR

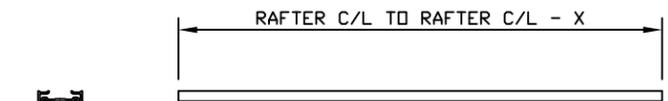
E. INTERMEDIATE PURLIN PRESSURE PLATES:



420-520

E. HEAD PURLIN PRESSURE PLATES:

NOTE: HEAD PRESSURE PLATE RUNS BETWEEN JAMB/RAKE PRESSURE PLATES AND THROUGH INTERMEDIATE RAFTER PRESSURE PLATES. HEAD PRESSURE PLATE MUST BE SPLICED AT RAFTER CENTERLINE.



420-519

JAMB/RAKE RAFTER TO JAMB/RAKE RAFTER:

$$X = 2.750'$$

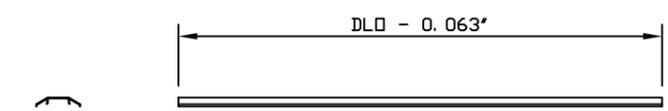
JAMB/RAKE RAFTER TO INTERMEDIATE RAFTER:

$$X = 1.500'$$

INTERMEDIATE RAFTER TO INTERMEDIATE RAFTER:

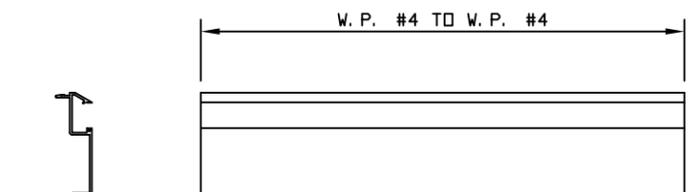
$$X = 0.250'$$

F. PURLIN COVERS:



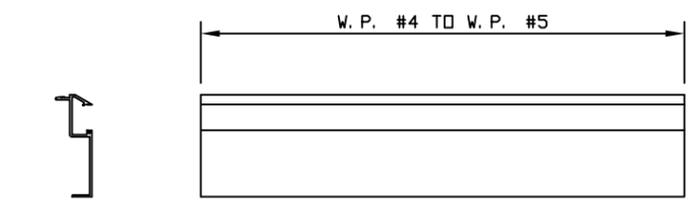
420-082

G. BAFFLE/GUTTER (NO ENDWALLS):



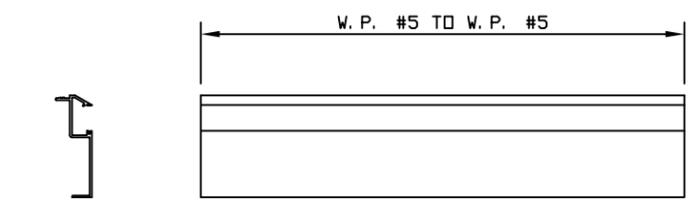
420-086 SHOWN OTHERS SIMILAR

H. BAFFLE/GUTTER (ONE ENDWALL):



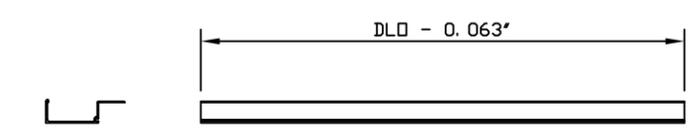
420-086 SHOWN OTHERS SIMILAR

I. BAFFLE/GUTTER (TWO ENDWALLS):



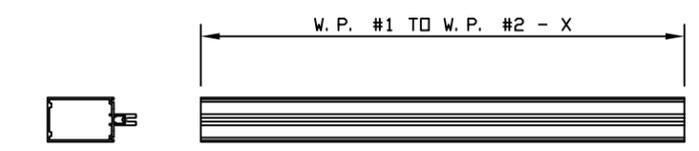
420-086 SHOWN OTHERS SIMILAR

J. GUTTER GLASS STOPS:



420-098 SHOWN OTHERS SIMILAR

K. 1600 WALL MULLIONS (FRONT WALL):



162-001 SHOWN OTHERS SIMILAR

ANGLE 'A' = SLOPE ANGLE

WHEN 420-414 GUTTER BRACKET IS USED:

$$X = 2.625 + \frac{3.500'}{\cos(A)} - 3.375' \times \tan(A)$$

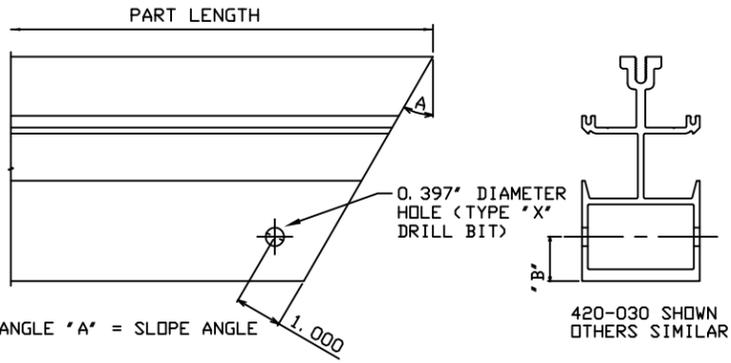
WHEN 420-415 GUTTER BRACKET IS USED:

$$X = 3.375 + \frac{3.500'}{\cos(A)} - 3.375' \times \tan(A)$$

III. FABRICATION

A. RAFTER PREP.

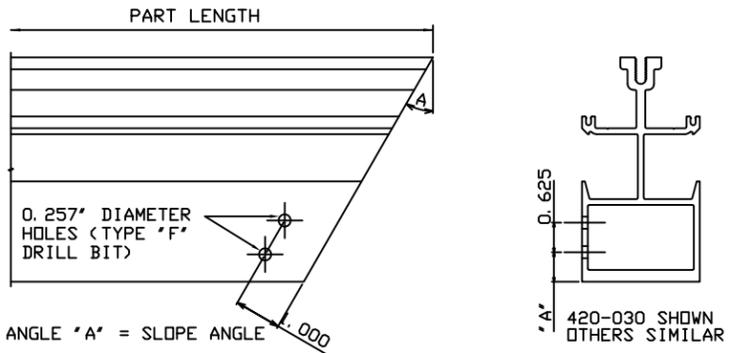
INTERMEDIATE / RAKE RAFTER AT HEAD



	DIMENSION 'A'	DIMENSION 'B'
4-3/4" RAFTERS (420-005 AND 420-030)	0.937'	1.187'
6" RAFTERS (420-090 AND 420-091)	1.125'	0.937'

NOTE: 0.397" DIAMETER HOLE IS REQUIRED ONLY IF THE SLOPE IS APPLIED ABOVE 1600 VERTICAL WALL.

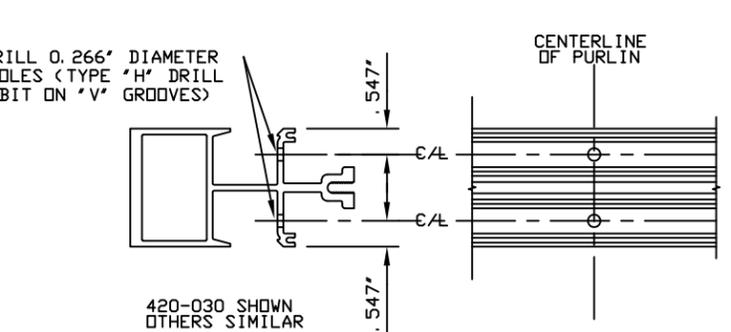
JAMB RAFTER AT HEAD (LEFT HAND SHOWN, RIGHT HAND OPPOSITE)



	DIMENSION 'A'
4-3/4" RAFTERS (420-005 AND 420-030)	0.625'
6" RAFTERS (420-090 AND 420-091)	0.875'

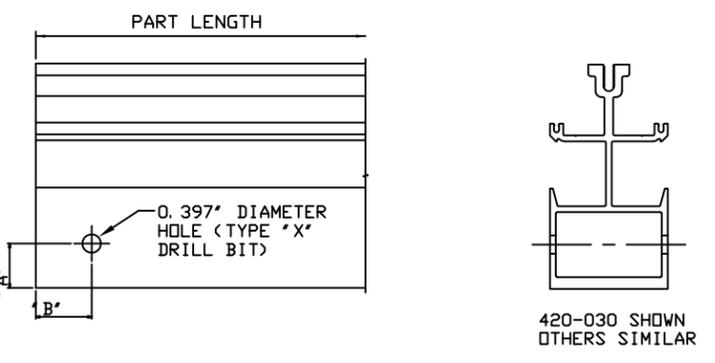
NOTE: 0.257" DIAMETER HOLES ARE REQUIRED ONLY IF THE SLOPE IS APPLIED ABOVE 1600 VERTICAL WALL.

RAFTER PREP. FOR PURLIN



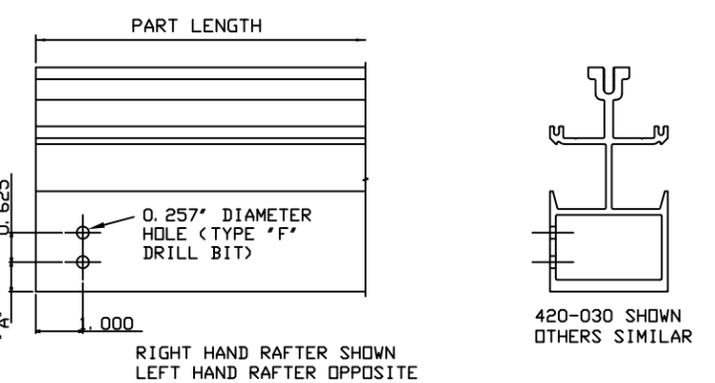
NOTE: JAMB AND RAKE RAFTERS REQUIRE HOLE ON ONLY ONE SIDE OF RAFTER.

INTERMEDIATE / RAKE RAFTER AT BAFFLE



	DIMENSION 'A'	DIMENSION 'B'
4-3/4" RAFTERS (420-005 AND 420-030)	0.937'	1.187'
6" RAFTERS (420-090 AND 420-091)	1.125'	0.937'

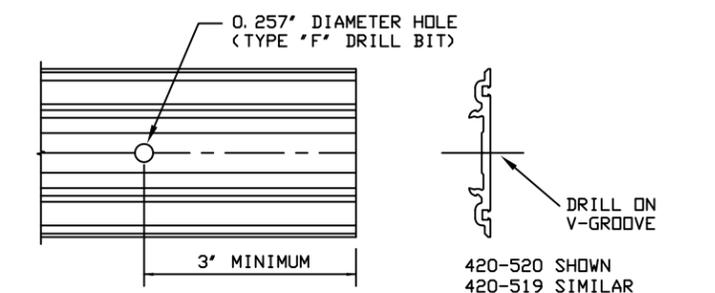
JAMB RAFTER AT BAFFLE



	DIMENSION 'A'
4-3/4" RAFTERS (420-005 AND 420-030)	0.625'
6" RAFTERS (420-090 AND 420-091)	0.875'

B. RAFTER / PURLIN PRESSURE PLATES PREP.

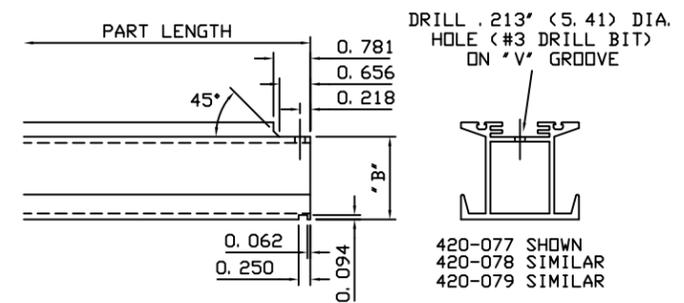
INSPECT ALL PRESSURE PLATES TO ENSURE A SCREW HOLE IS LOCATED WITHIN 3" FROM THE END OF THE PART. IF CLOSEST HOLE LOCATION IS GREATER THAN 3", FABRICATE PRESSURE PLATE AS SHOWN BELOW.



SUPPLEMENTAL INSTRUCTIONS FOR STOCK LENGTH INSTALLATIONS

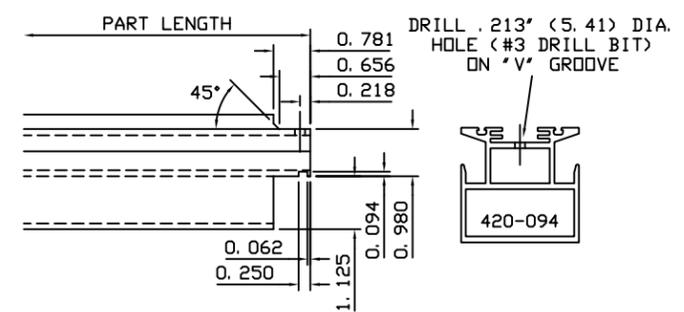
PURLIN PREP.

SSG PURLIN AT RAFTER

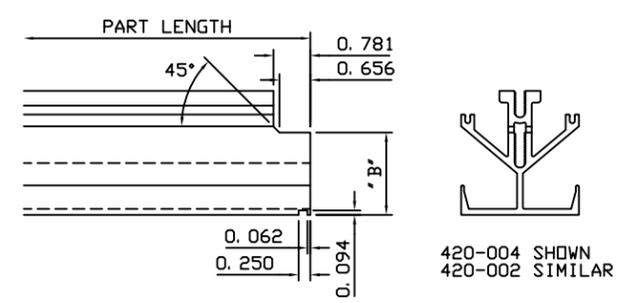


PURLIN	DIA "B"
420-077	1.730
420-078	0.980
420-079	0.980

HEAVY WEIGHT SSG PURLIN AT RAFTER



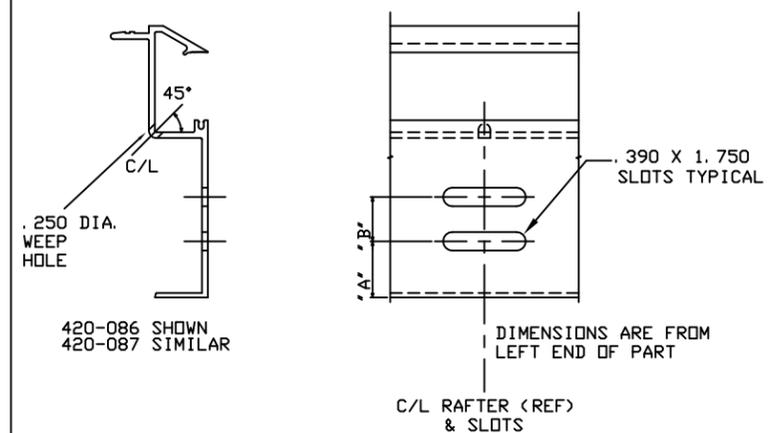
PRESSURE GLAZED PURLIN AT RAFTER



PURLIN	DIA "B"
420-004	1.744
420-002	0.994

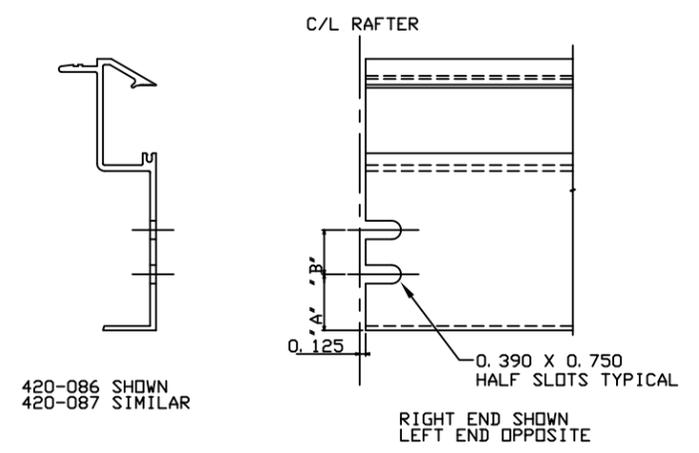
D) BAFFLE PREP.

BAFFLE AT RAFTER



	DIMENSION A	DIMENSION B
4-3/4" RAFTERS (420-005 AND 420-030)	1.187'	0.937'
6" RAFTERS (420-090 AND 420-091)	0.875'	0.937'

BAFFLE SPLICE AT RAFTER

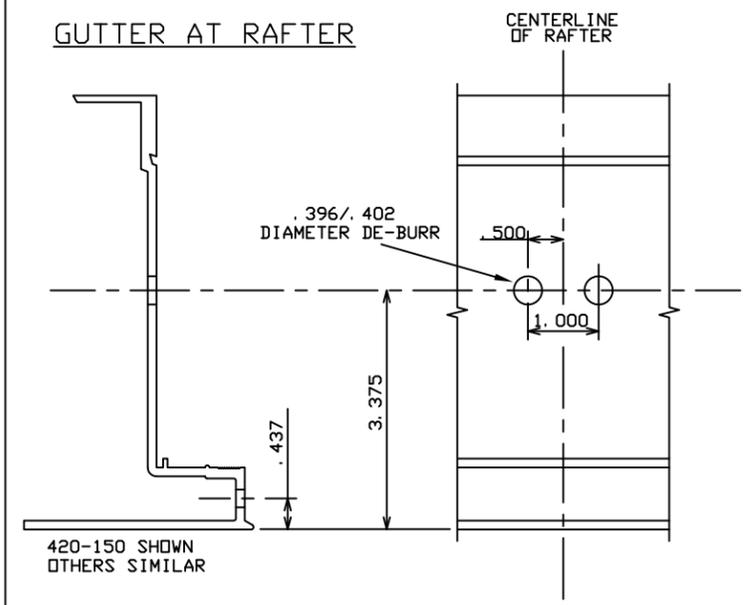


NOTE:
SPLICE JOINT IN BAFFLE & GUTTER MUST BE STAGGERED

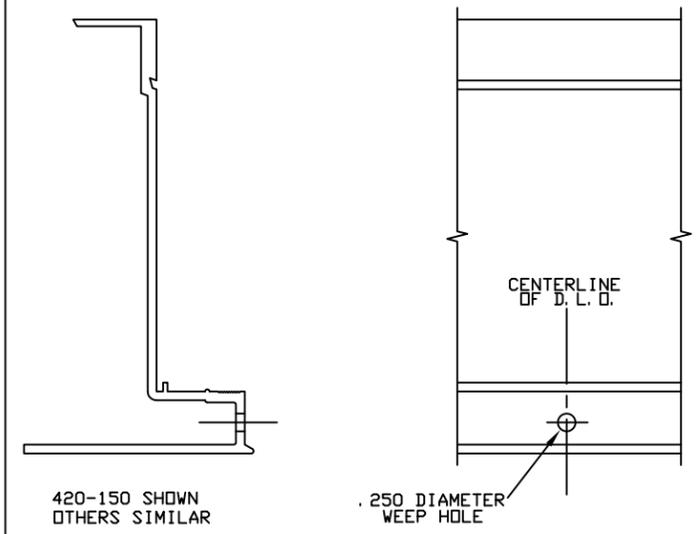
	DIMENSION A	DIMENSION B
4-3/4" RAFTERS (420-005 AND 420-030)	1.187'	0.937'
6" RAFTERS (420-090 AND 420-091)	0.875'	0.937'

E) GUTTER PREP.

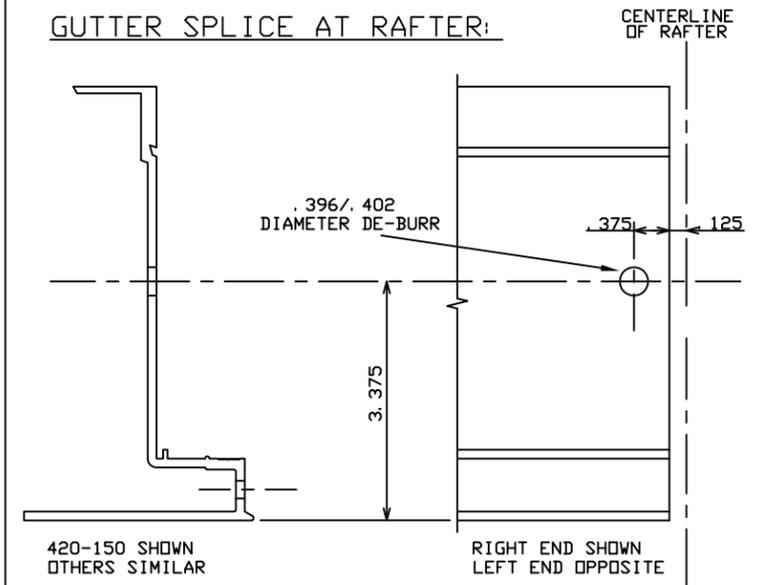
GUTTER AT RAFTER



GUTTER AT CENTERLINE OF D. L. D.

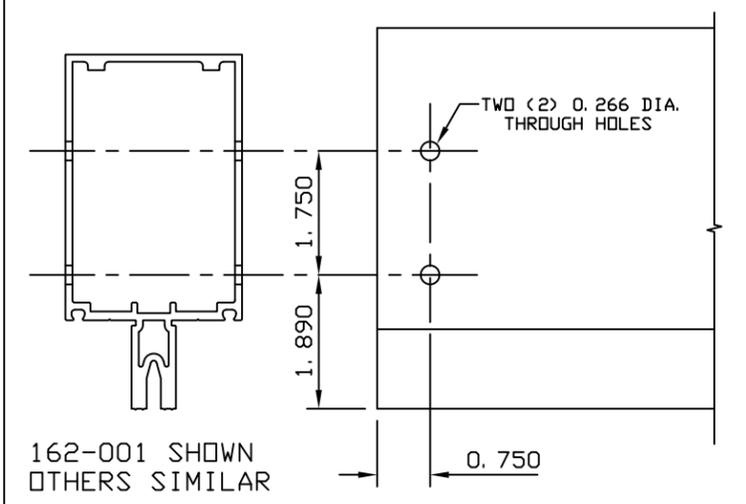


GUTTER SPLICE AT RAFTER:



F) MULLION PREP.

1600 SYSTEM^{1&2} MULLION AT GUTTER



KAWNEER 1600 SLOPED GLAZING SLOPE APPLIED TO VERTICAL 1600 WALL OR CURB WITH ADJUSTABLE BAFFLE AND GUTTER ASSEMBLY PART NO. 420-497 3 OF 3	95366-50 06/05/98
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	ORDER:
	SHT: