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Section 7 Cab Information

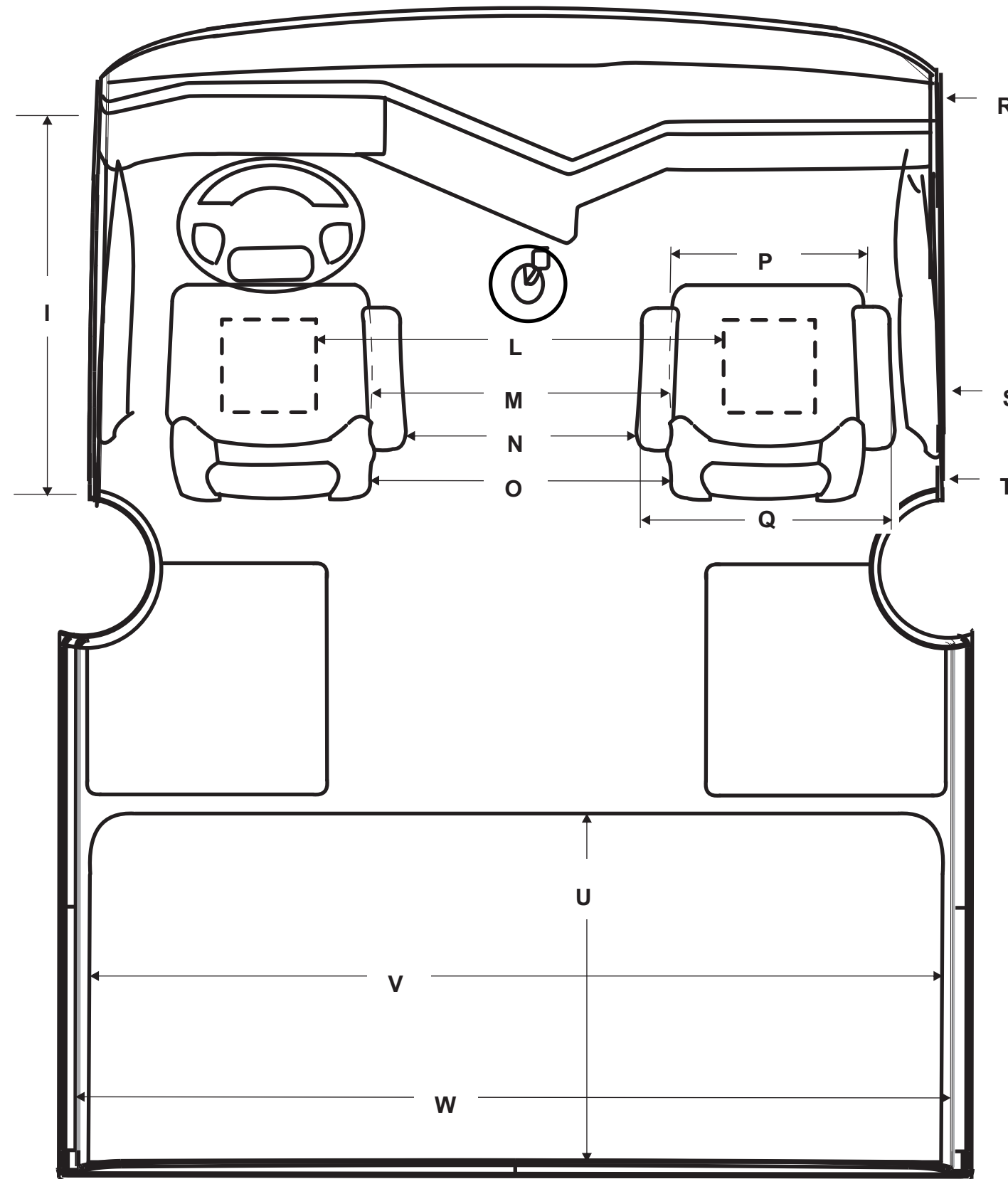
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This guide is to be used as a reference document only.
Please consult your Western Star CAE representative on
specific spec'ing needs as the information contained in
this document can change without notice.

Western Star Bodybuilder Book: Revision 3.1

Interior Cab Dimensions

I	43.00"	Distance from center of "A" pillar to center of "B" pillar
J	14.25"	Depth of seat base
K	9.00"	Width of seat base
L	37.25"	Distance between seat bases
M	25.50"	Distance between seat cushions @ middle of seat
N	24.50"	Distance between arm rests
O	27.00"	Distance between seat backs at mid-back level
P	21.00"	Width of seat cushion
Q	4.25"	Outside distance of dual armrests
R_U	67.25"	"A" pillar to "A" pillar - upper measurement @ head liner
R_L	71.50"	"A" pillar to "A" pillar - lower measurement @ dash
S_U	78.50"	Cab width at shoulder level - glass
S_L	75.50"	Cab width at hip level
T₁	63.50"	73.25" just forward "B" pillar to "B" pillar @ mid level (top of dash height)
T₂	92.00"	Just behind "B" pillar to "B" pillar at mid level (top of dash height)



U_U	31.00"	Upper mattress width
U_L	43.50"	Lower mattress width
V_U	64.00"	Upper mattress length 80" with stationary cushions at either end
V_L	86.00"	Lower mattress length
W	92.00"	Width of cab at rear - measured above lower bunk

Model: 4900
Sleeper: 82" Ultra High
Bunk: Double
Seat Brand: Bostrom
Seat Model: Talladega

Seat Measurements

Model: 4900
Sleeper: 82" Ultra High
Bunk: Double
Seat Brand: Bostrom
Seat Model: Talladega

A 23.00"

Center of fuel pedal to seat base

B_F 11.75"

Center of fuel pedal to front of seat - forward

B_B 21.25"

- back

C_L 17.00"

Floor to top of seat - seat in low position

C_H 22.50"

Floor to top of seat - seat in high position

D_L 19.50"

Floor to bottom edge of wheel - Low position

D_H 28.00"

- High position

E_F 5.00"

Dash to front of seat cushion - seat forward

E_B 23.00"

Dash to front of seat cushion - seat back

F₁₄ 2.50"

Distance from dash board to back edge of steering wheel - telescopic in

F₁₂ 9.00"

F 4.25"

Distance from dash board to back edge of steering wheel - telescopic out

F₃₂ 10.00"

G_{F12} 8.00"

Mid section of seat(@ 90 deg) to front of wheel in the "1" "2" position - in and down seat fwd

G_{F34} 10.00"

Mid section of seat(@ 90 deg) to front of wheel in the "3" "4" position - out and up seat fwd

G_{B12} 17.50"

Mid section of seat (@ 90 deg) to front of wheel in the "1" "2" position - in and down seat back

G_{B34} 19.50"

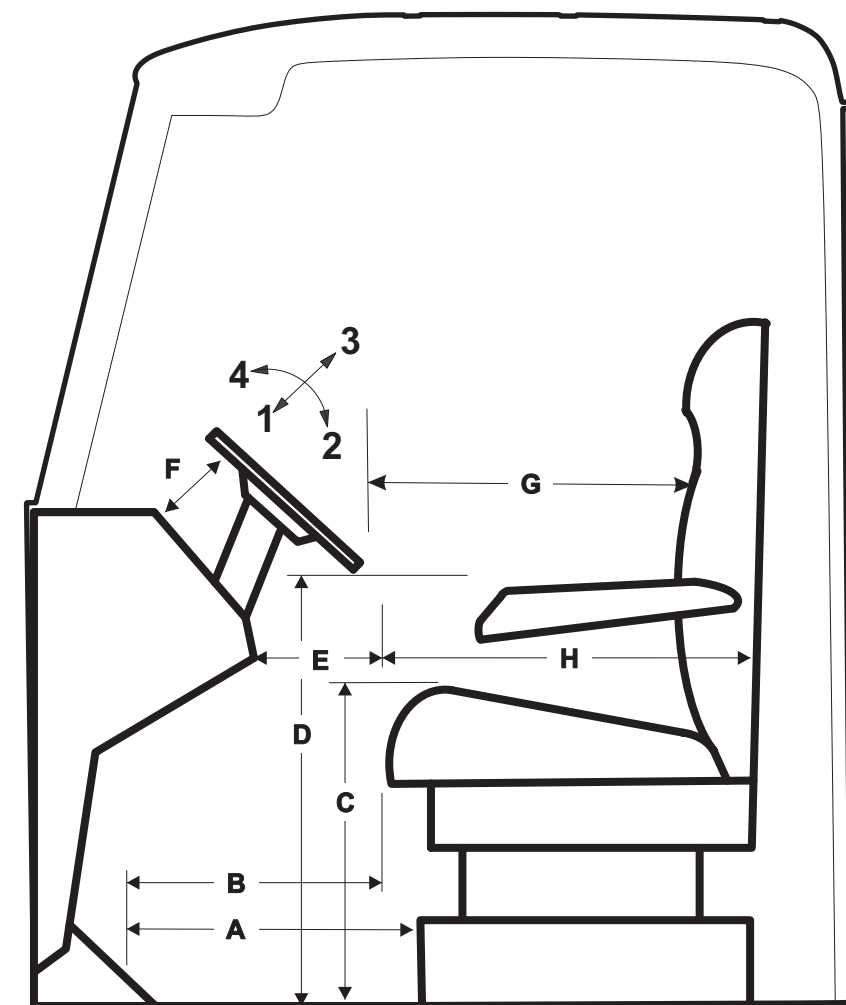
Mid section of seat (@ 90 deg) to front of wheel in the "3" "4" position - out and up seat back

H 21.00"

Front of seat cushion to back of seat @ 90 degree - total depth

18.00"

Diameter of steering wheel



Center of pedal to top/front of seat cushion

Seat forward and low: 20.67"

Seat forward and high: 25.38"

Seat back and low: 27.21"

Seat back and high: 30.95"

Seat travel - forward & back

$B_B - B_F = 9.50"$

$E_B - E_F = 9.50"$

$G_B - G_F = 9.50"$

Seat travel - Up & Down

$C_H - C_L = 5.50"$

Telescopic Steering Wheel Travel

$F_3 - F_1 = 1.375"$

Bottom of wheel to top of seat cushion

$D_{12} - C_H = -3.00"$

$D_{34} - C_L = 11.00"$

Leg Room

25.74"

Distance from the fuel pedal to the front of the seat, while in the center travel position both horizontally and vertically.

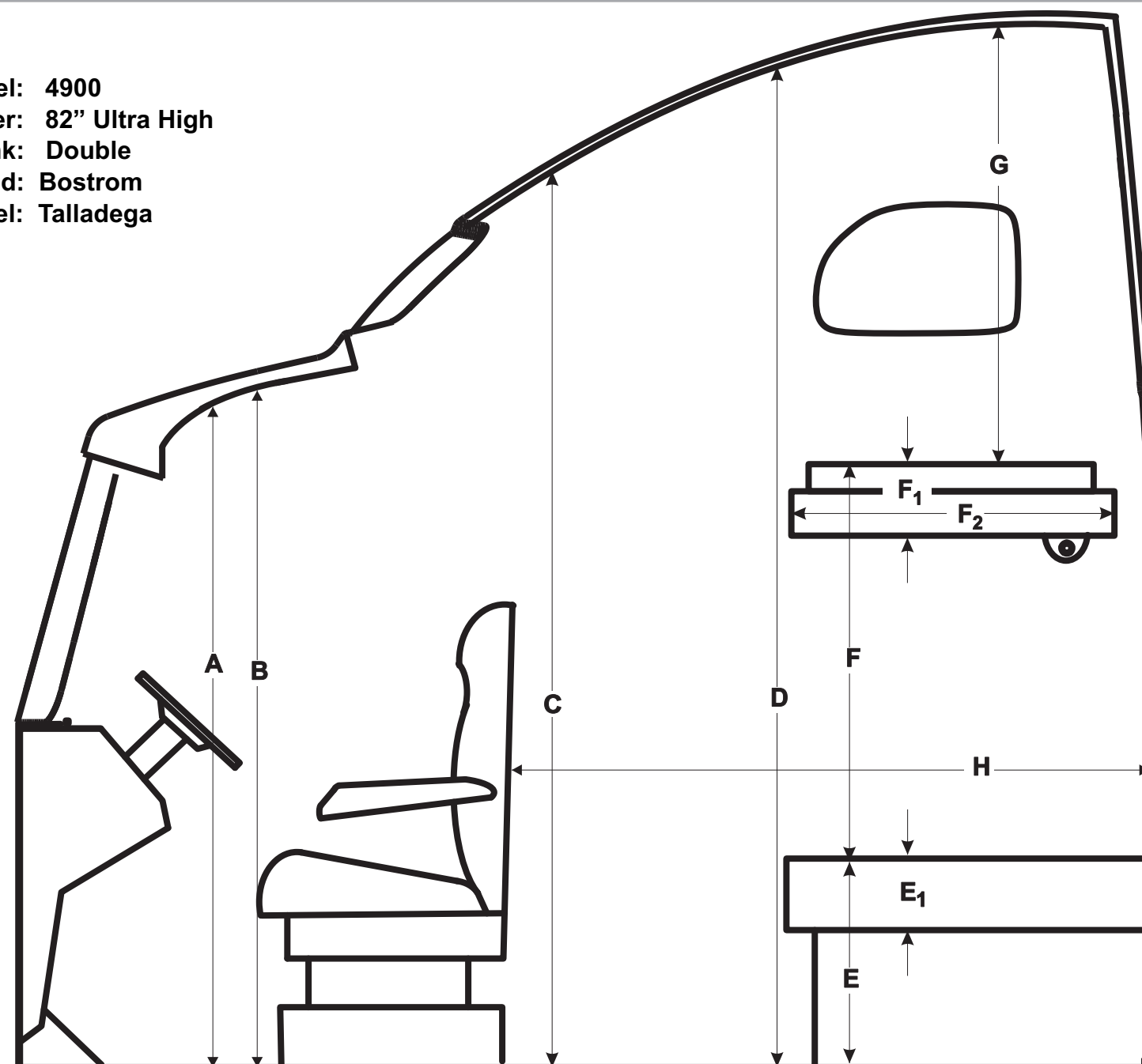
NOTE: All measurements taken to nearest 1/4" (0.25")

A	53.25"
Floor to bottom of overhead storage	
B	64.75"
Floor to head liner - near front edge of seat	
C	79.25"
Floor to ceiling @ B-pillar	
D	82.00"
Floor to ceiling in front of bunk	
E	24.00"
Floor to top of lower bunk	
E₁	8.00"
Thickness of lower mattress	
F	32.00"
Top of lower bunk to upper bunk	
F₁	8.00"
Thickness of upper bunk	
F₂	32.00"
Upper bunk width	
G	26.00"
Top of upper bunk to ceiling at back wall of sleeper	
H_B	75.50"
Distance from back of seat to back wall of sleeper - seat back	
H_F	95.00"
Distance from back of seat to back wall of sleeper - seat forward	

Calculated Interior Dimensions

Top of lower bunk to ceiling 58.00"
Total height at rear of sleeper 117.75"

Model: 4900
Sleeper: 82" Ultra High
Bunk: Double
Seat Brand: Bostrom
Seat Model: Talladega



Distance between brake and fuel pedal = 3.00"

Distance between center line of brake and fuel pedal = 6.50"

Mounting method of pedals:
Clutch & Brake - Suspended
Fuel - From floor

Total volume of cab & sleeper 421907.8 cu. in. = 417.98 cu. ft.

Glass Dimensions

Model: 4900
 Sleeper: 82" Ultra High
 Bunk: Double
 Seat Brand: Bostrom
 Seat Model: Talladega

A_D sq. in.
 Area of wiper coverage on driver's side

A_P sq. in.
 Area of wiper coverage on passenger's side

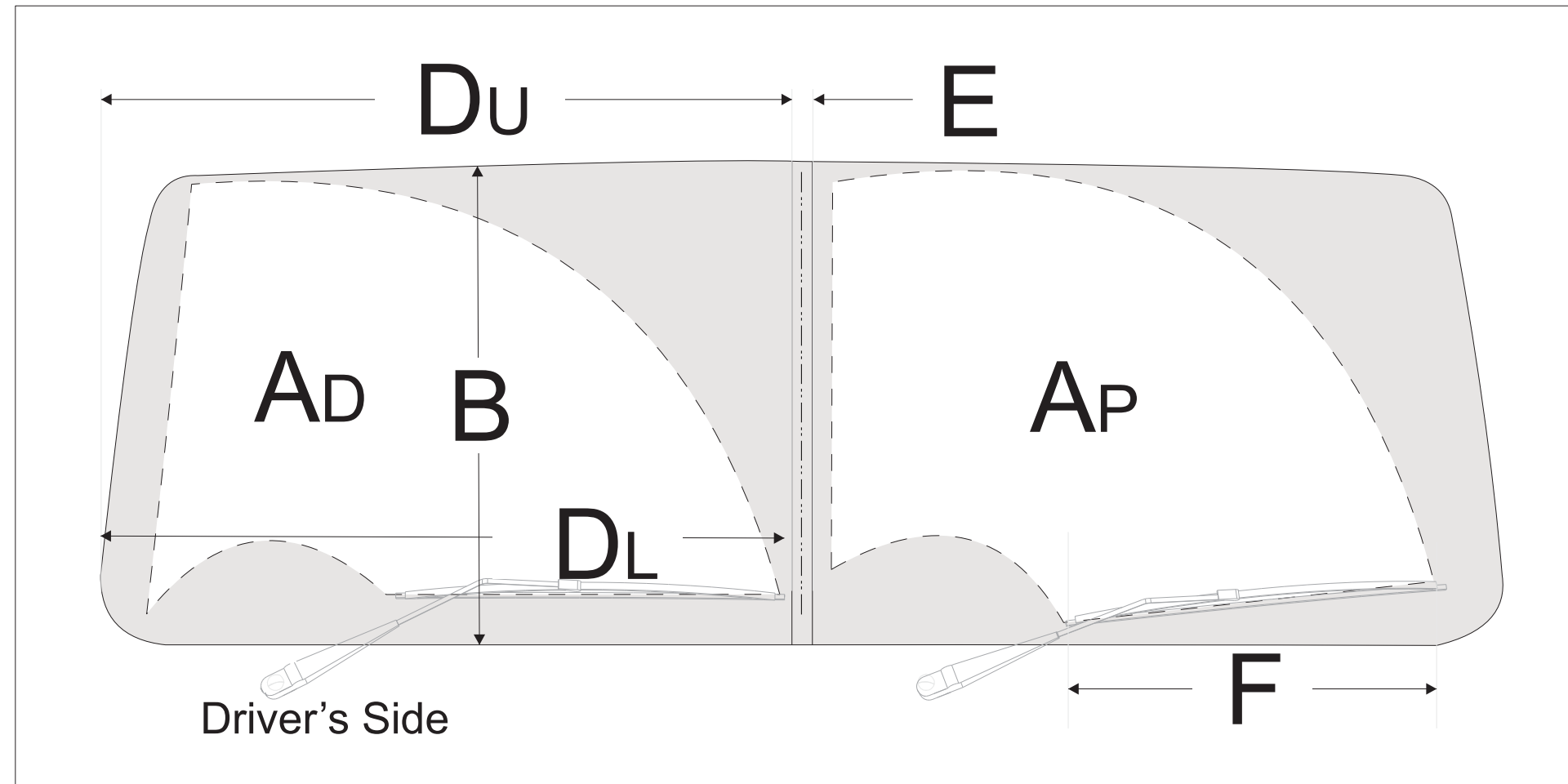
B "
 Height of glass

D_U "
 Upper width of windshield

D_L "
 Upper width of windshield

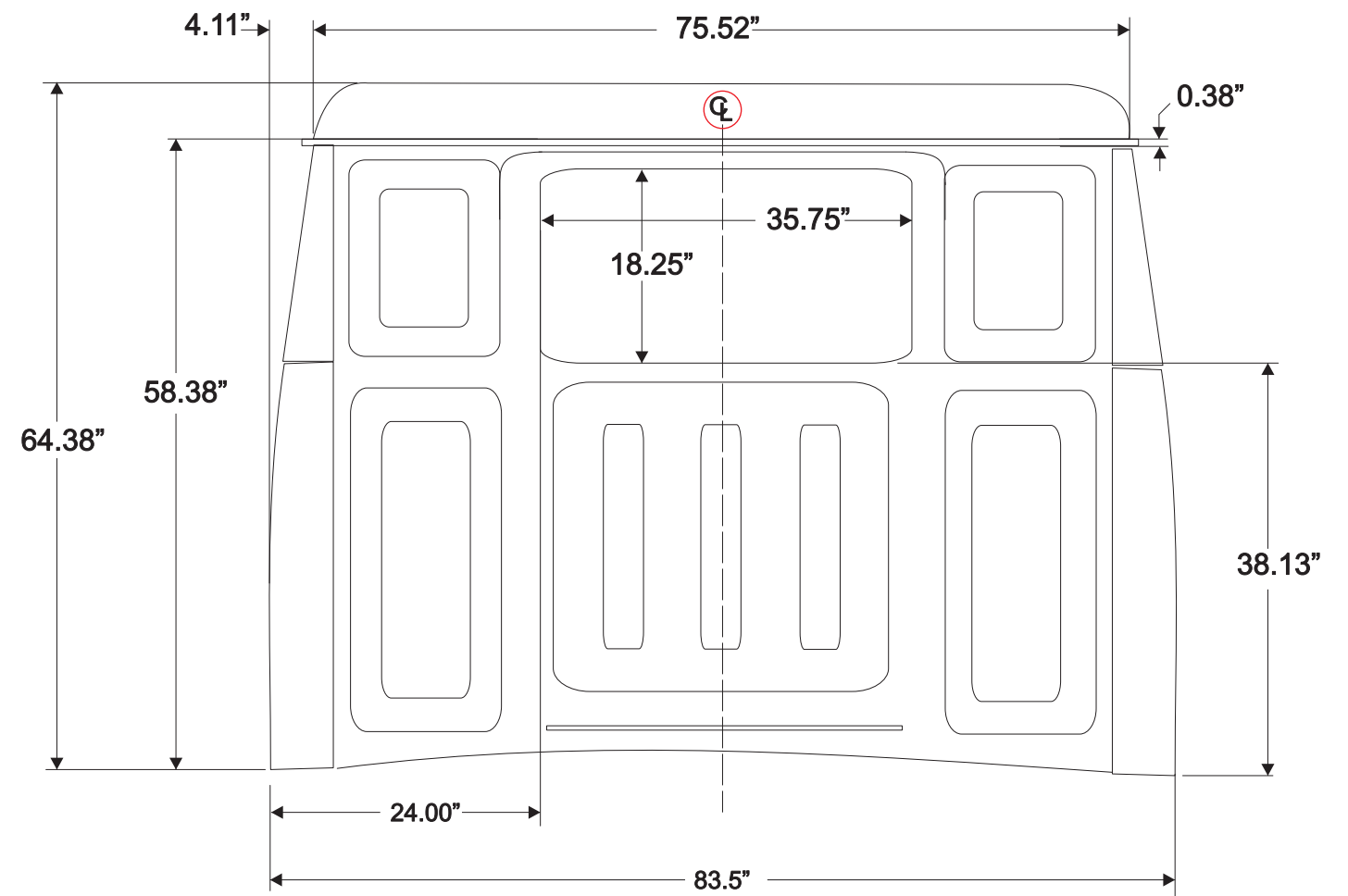
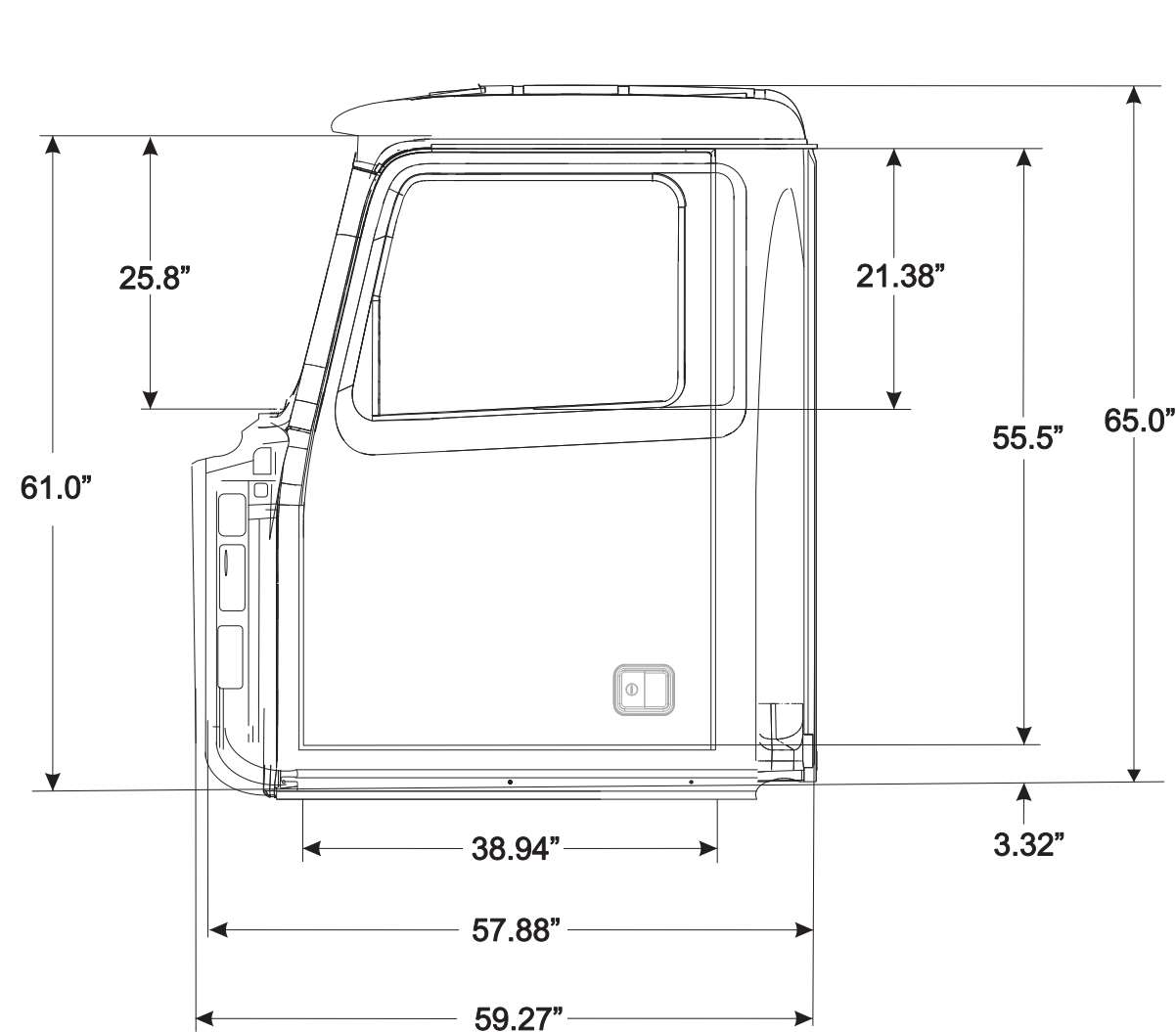
E "
 Center post width (between glass)

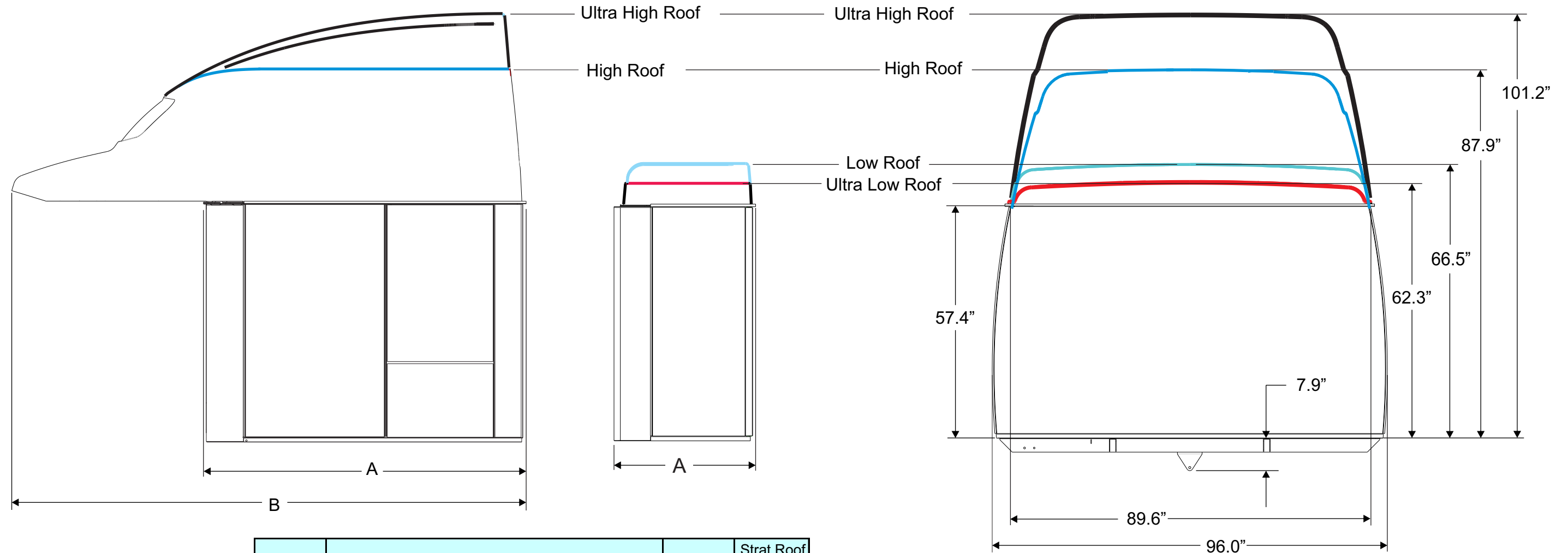
F "
 Length of wiper blade



Door Window	<input type="text" value="556"/> sq. in.	Height	<input type="text" value="20.75"/>	Width	<input type="text" value="26.75"/>
Visibility Window	<input type="text" value="59.5"/> sq. in.	Height	<input type="text" value="8.50"/>	Width	<input type="text" value="7.00"/>
Sleeper Window		Height	1-piece <input type="text" value="33.75"/> 16.25"	Width	2-piece <input type="text" value="21.75"/> 35.00"

Cab Exterior Dimensions





* Subtract 4" from height dimensions for Interior headroom

Data Code	Description	length	Strat Roof Fwd to BOS
		A	B
682-084	34 INCH HIGH ROOF STRATOSPHERE REST CAB	28"	73.8"
682-081	40 INCH HIGH ROOF STRATOSPHERE SLEEPER	34.0"	79.8"
682-054	40 INCH STAR LIGHT LOW ROOF SLEEPER	34.0"	N/A
682-063	40 INCH STAR LIGHT ULTRA LOW ROOF SLEEPER	34.0"	N/A
682-080	54 INCH HIGH ROOF STRATOSPHERE SLEEPER	48.5"	94.3"
682-055	54 INCH STAR LIGHT LOW ROOF SLEEPER	48.8"	N/A
682-065	54 INCH STAR LIGHT ULTRA LOW ROOF SLEEPER	48.5"	N/A
682-070	68 INCH HIGH ROOF STRATOSPHERE SLEEPER	62.7"	107.7"
682-056	68 INCH STAR LIGHT LOW ROOF SLEEPER	62.0"	N/A
682-066	68 INCH STAR LIGHT ULTRA LOW ROOF SLEEPER	62.0"	N/A
682-062	82 INCH HIGH ROOF STRATOSPHERE SLEEPER	76.2	121.2"
682-064	82 INCH ULTRA HIGH ROOF STRATOSPHERE SLEEPER	76.2	121.5"

