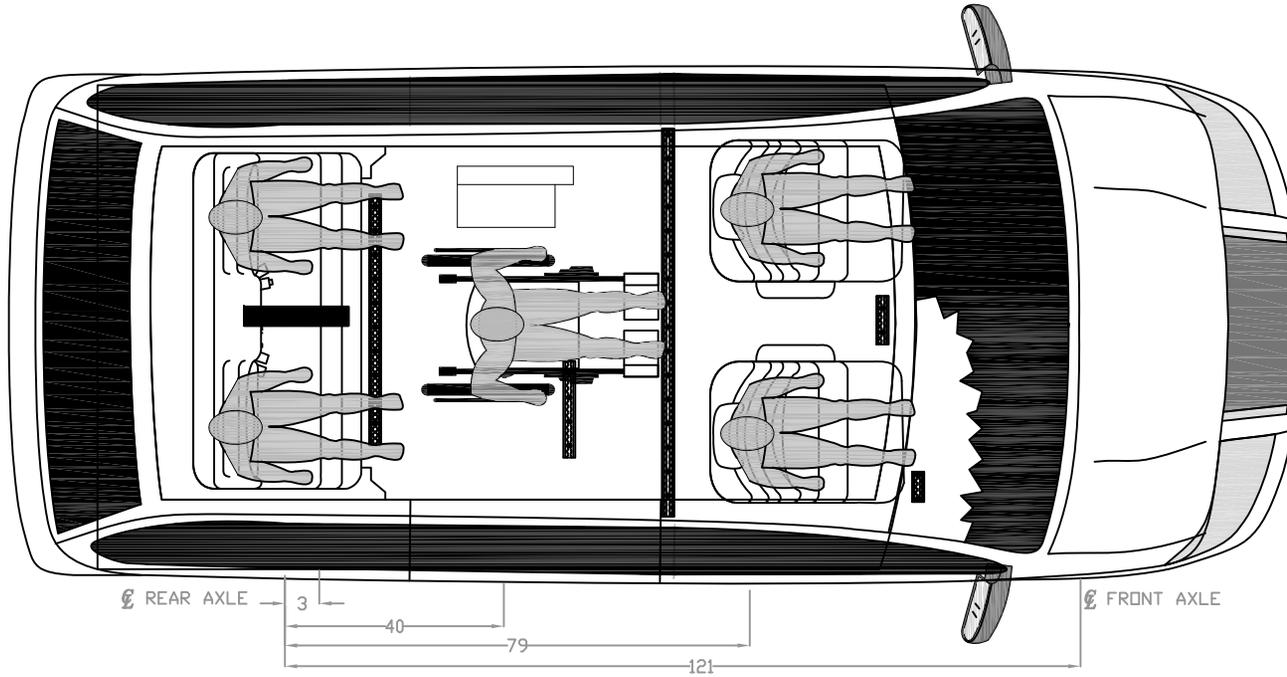
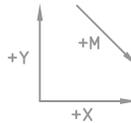


SEATING OPTION I: (4) AMBULATORY PASSENGERS, (1) MOBILITY AID PASSENGER, AND THE DRIVER



LOADED WEIGHT CALCULATIONS

$\Sigma M_{CLR} = 0$
 $300(3) + 300(79) + 250(40) + 2569(121) - F_{YF}(121) = 0$
 $F_{YF} = 2855\#$
 $\Sigma F_y = 0$
 $150(4) + 250(1) + 2401 + 2569 - 2855 - F_{YR} = 0$
 $F_{YR} = 2965$
REQUIRED CAPACITIES
 LOADED GVW = 5820#
 LOADED GAW FRONT = 2855#
 LOADED GAW REAR = 2965#



NOTES / DEFINED VARIABLES

ALLOWABLE WEIGHTS
 OEM GVWR = 6050#
 OEM FRONT GAWR = 2950#
 OEM REAR GAWR = 3100#
MODIFIED EMPTY WEIGHTS (INCLUDES 2ND ROW FLIP SEAT)
 TOTAL VEHICLE = 4970#
 FRONT AXLE = 2569#
 REAR AXLE = 2401#
 WHEEL BASE = 121"
 AMBULATORY PASSENGER = 150#
 MOBILITY AID PASSENGER = 250#
 REMOVABLE FRONT PASSENGER SEAT = 100#
 NOTE: THESE ARE APPROXIMATE WEIGHTS ONLY.
 (ACTUAL WEIGHTS MAY VARY WITH VEHICLE.)

Approved by: _____ Date: _____

NOTE: Only need to sign first page. The 4 floor plans show all the configurations that are possible.

DESIGN/APPR.
 CCW
 DRAWN
 MDL
 DETAIL CHK.

TOLERANCES:
 (UNLESS OTHERWISE SPECIFIED)
 DECIMAL DIMENSIONS: .XXX = ±.010
 .XX = ±.030
 .X = ±.060
 FRACTIONAL DIMENSIONS = ±1/32
 ANGULAR DIMENSIONS = ±1°
 NOTE: DEBURR ALL SHARP CORNERS

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 Winamac, Indiana 46996

SCALE
 1"=32"
 DATE
 11/23/15

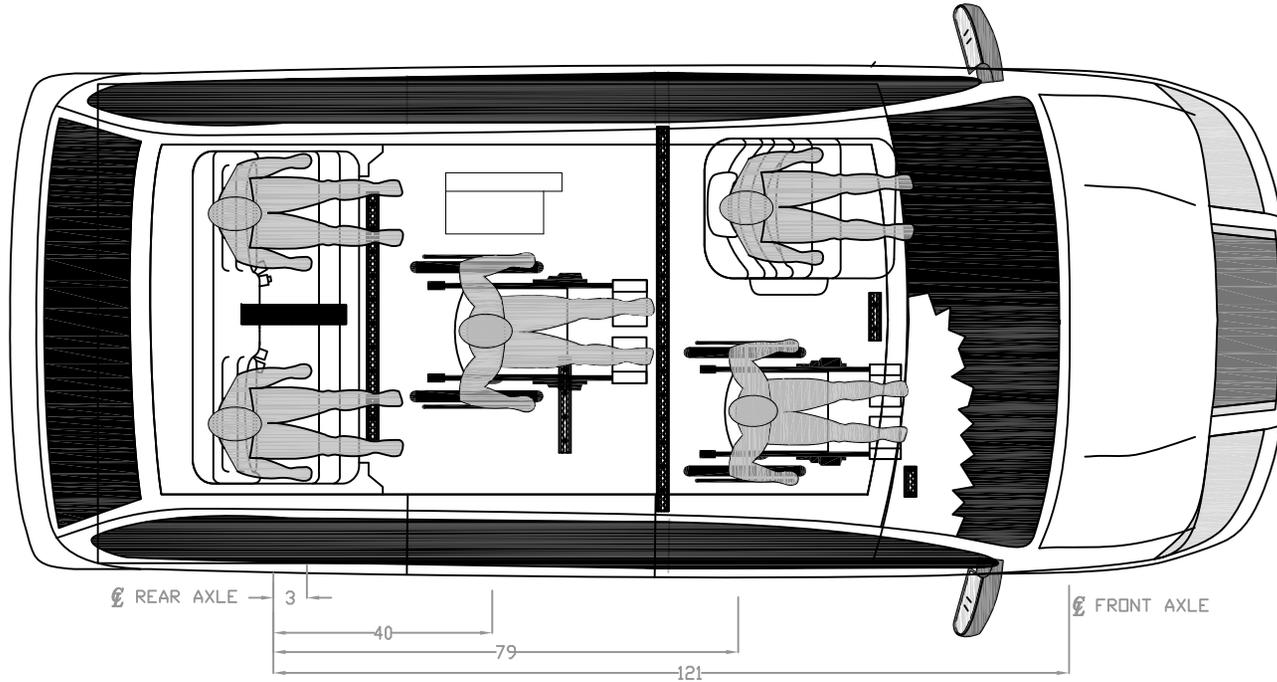
BRAUN 2015 CHRYSLER ADA CALTRANS BID

P/N

500191 SEATING OPTION I

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SEATING OPTION J: (3) AMBULATORY PASSENGERS, (2) MOBILITY AID PASSENGERS, AND THE DRIVER



LOADED WEIGHT CALCULATIONS

$$\Sigma M_{CLR} = 0$$

$$300(3) + 150(79) + (250-100)(79) + 250(40) + 2569(121) - F_{YF}(121) = 0$$

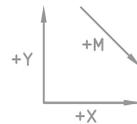
$$F_{YF} = 2855\#$$

$$\Sigma F_Y = 0$$

$$150(3) + 250(1) + (250-100)(1) + 2401 + 2569 - 2855 - F_{YR} = 0$$

$$F_{YR} = 2965$$

REQUIRED CAPACITIES
 LOADED GVW = 5820#
 LOADED GAW FRONT = 2855#
 LOADED GAW REAR = 2965#



NOTES / DEFINED VARIABLES

ALLOWABLE WEIGHTS
 OEM GVWR = 6050#
 OEM FRONT GAWR = 2950#
 OEM REAR GAWR = 3100#

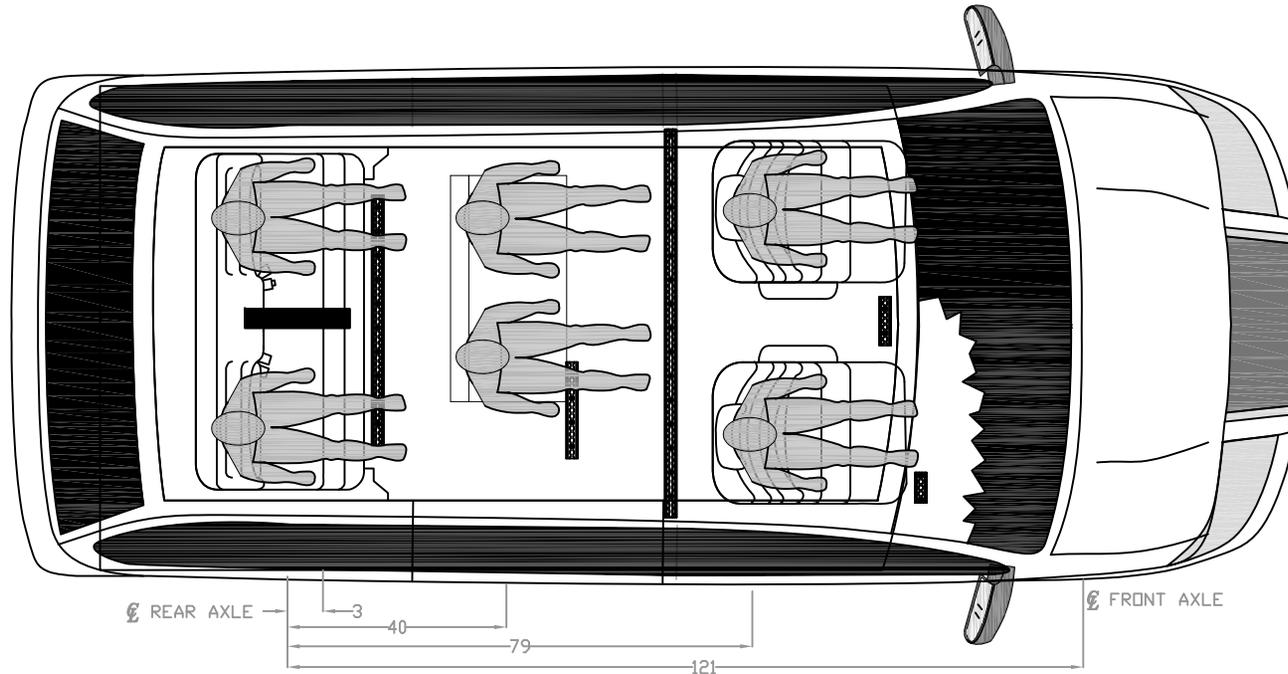
MODIFIED EMPTY WEIGHTS (INCLUDES 2ND ROW FLIP SEAT)
 TOTAL VEHICLE = 4970#
 FRONT AXLE = 2569#
 REAR AXLE = 2401#

WHEEL BASE = 121"
 AMBULATORY PASSENGER = 150#
 MOBILITY AID PASSENGER = 250#
 REMOVABLE FRONT PASSENGER SEAT = 100#

NOTE: THESE ARE APPROXIMATE WEIGHTS ONLY.
 (ACTUAL WEIGHTS MAY VARY WITH VEHICLE.)

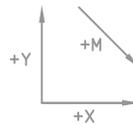
							DESIGN/APPR. CCW	<u>TOLERANCES:</u> (UNLESS OTHERWISE SPECIFIED) DECIMAL DIMENSIONS: .XXX = ±.010 .XX = ±.030 .X = ±.060 FRACTIONAL DIMENSIONS = ±1/32 ANGULAR DIMENSIONS = ±1° NOTE: DEBURR ALL SHARP CORNERS	CONFIDENTIAL PROPRIETARY INFORMATION DO NOT COPY WITHOUT PERMISSION OF <i>The Braun Corporation</i> Winamac, Indiana 46996
							DRAWN MDL		
							DETAIL CHK.		
							SCALE 1"=32"	BRAUN 2015 CHRYSLER ADA CALTRANS BID	
REQ. BY	LET.						DATE 11/23/15	P/N	500191 SEATING OPTION J
		REVISION		ECN NO.	REV. BY	DATE			

SEATING OPTION K: (6) AMBULATORY PASSENGERS AND THE DRIVER



LOADED WEIGHT CALCULATIONS

$\Sigma M_{CLR} = 0$
 $300(3) + 300(79+40) + 2569(121) - F_{YF}(121) = 0$
 $F_{YF} = 2872\#$
 $\Sigma F_Y = 0$
 $150(6) + 2401 + 2569 - 2872 - F_{YR} = 0$
 $F_{YR} = 2998$
REQUIRED CAPACITIES
 LOADED GVW = 5870#
 LOADED GAW FRONT = 2872#
 LOADED GAW REAR = 2998#

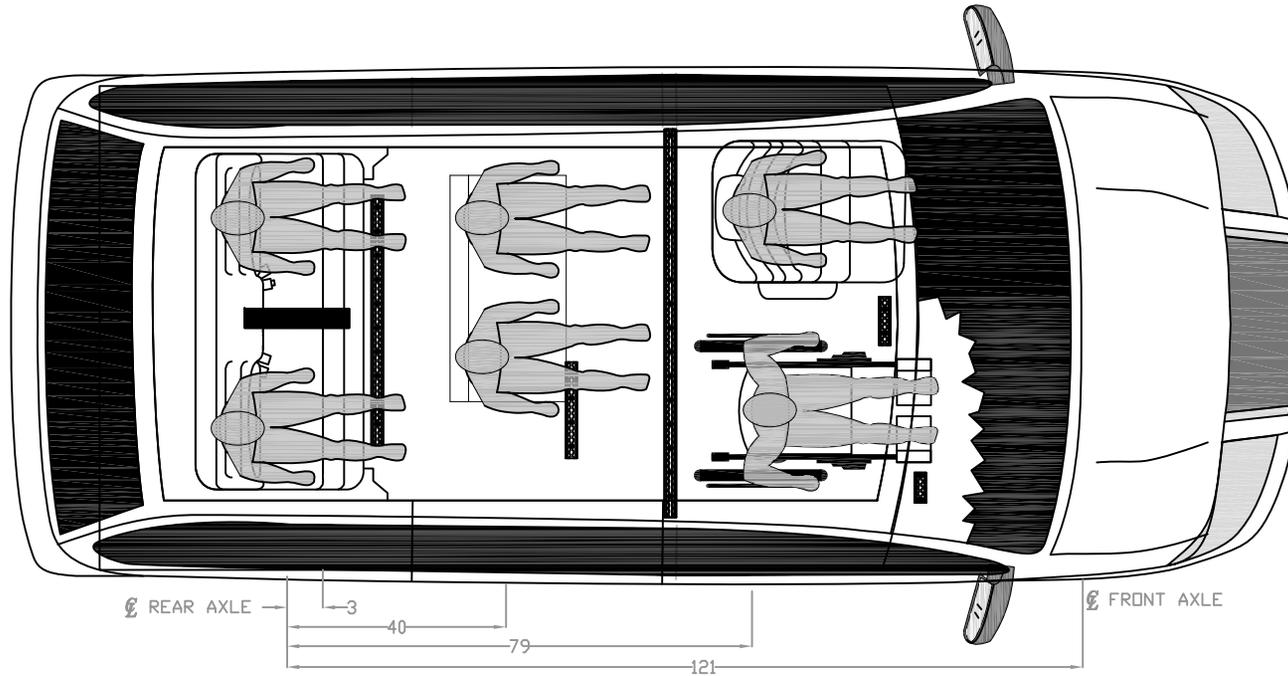


NOTES / DEFINED VARIABLES

ALLOWABLE WEIGHTS
 DEM GVWR = 6050#
 DEM FRONT GAWR = 2950#
 DEM REAR GAWR = 3100#
MODIFIED EMPTY WEIGHTS (INCLUDES 2ND ROW FLIP SEAT)
 TOTAL VEHICLE = 4970#
 FRONT AXLE = 2569#
 REAR AXLE = 2401#
 WHEEL BASE = 121'
 AMBULATORY PASSENGER = 150#
 MOBILITY AID PASSENGER = 250#
 REMOVABLE FRONT PASSENGER SEAT = 100#
 NOTE: THESE ARE APPROXIMATE WEIGHTS ONLY.
 (ACTUAL WEIGHTS MAY VARY WITH VEHICLE.)

						DESIGN/APPR. CCW	<u>TOLERANCES:</u> (UNLESS OTHERWISE SPECIFIED) DECIMAL DIMENSIONS: .XXX = ±.010 .XX = ±.030 .X = ±.060 FRACTIONAL DIMENSIONS = ±1/32 ANGULAR DIMENSIONS = ±1° NOTE: DEBURR ALL SHARP CORNERS	CONFIDENTIAL PROPRIETARY INFORMATION DO NOT COPY WITHOUT PERMISSION OF <i>The Braun Corporation</i> Winamac, Indiana 46996
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						DETAIL CHK.		
						SCALE 1"=32"	BRAUN 2015 CHRYSLER - ADA CALTRANS BID	
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SEATING OPTION L: (5) AMBULATORY PASSENGERS, (1) MOBILITY AID PASSENGER, AND THE DRIVER



LOADED WEIGHT CALCULATIONS

$$\Sigma M_{CLR} = 0$$

$$300(3) + 300(40) + 150(79) + (250-100)(79) + 2569(121) - F_{YF}(121) = 0$$

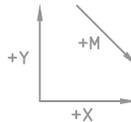
$$F_{YF} = 2872\#$$

$$\Sigma F_Y = 0$$

$$150(5) + (250-100)(1) + 2401 + 2569 - 2872 - F_{YR} = 0$$

$$F_{YR} = 2998$$

REQUIRED CAPACITIES
 LOADED GVW = 5870#
 LOADED GAW FRONT = 2872#
 LOADED GAW REAR = 2998#



NOTES / DEFINED VARIABLES

ALLOWABLE WEIGHTS
 DEM GVWR = 6050#
 DEM FRONT GAWR = 2950#
 DEM REAR GAWR = 3100#

MODIFIED EMPTY WEIGHTS (INCLUDES 2ND ROW FLIP SEAT)
 TOTAL VEHICLE = 4970#
 FRONT AXLE = 2569#
 REAR AXLE = 2401#

WHEEL BASE = 121"
 AMBULATORY PASSENGER = 150#
 MOBILITY AID PASSENGER = 250#
 REMOVABLE FRONT PASSENGER SEAT = 100#

NOTE: THESE ARE APPROXIMATE WEIGHTS ONLY.
 (ACTUAL WEIGHTS MAY VARY WITH VEHICLE.)

								DESIGN/APPR. CCW	<u>TOLERANCES:</u> (UNLESS OTHERWISE SPECIFIED) DECIMAL DIMENSIONS: .XXX = ±.010 .XX = ±.030 .X = ±.060 FRACTIONAL DIMENSIONS = ±1/32 ANGULAR DIMENSIONS = ±1° NOTE: DEBURR ALL SHARP CORNERS	CONFIDENTIAL PROPRIETARY INFORMATION DO NOT COPY WITHOUT PERMISSION OF <i>The Braun Corporation</i> Winamac, Indiana 46996
							DRAWN MDL			
							DETAIL CHK.			
								SCALE 1"=32"	BRAUN 2015 CHRYSLER - ADA CALTRANS BID	
REQ. BY	LET.							DATE 11/23/15	P/N	500191 SEATING OPTION L
							REVISION	ECN NO.	REV. BY	DATE