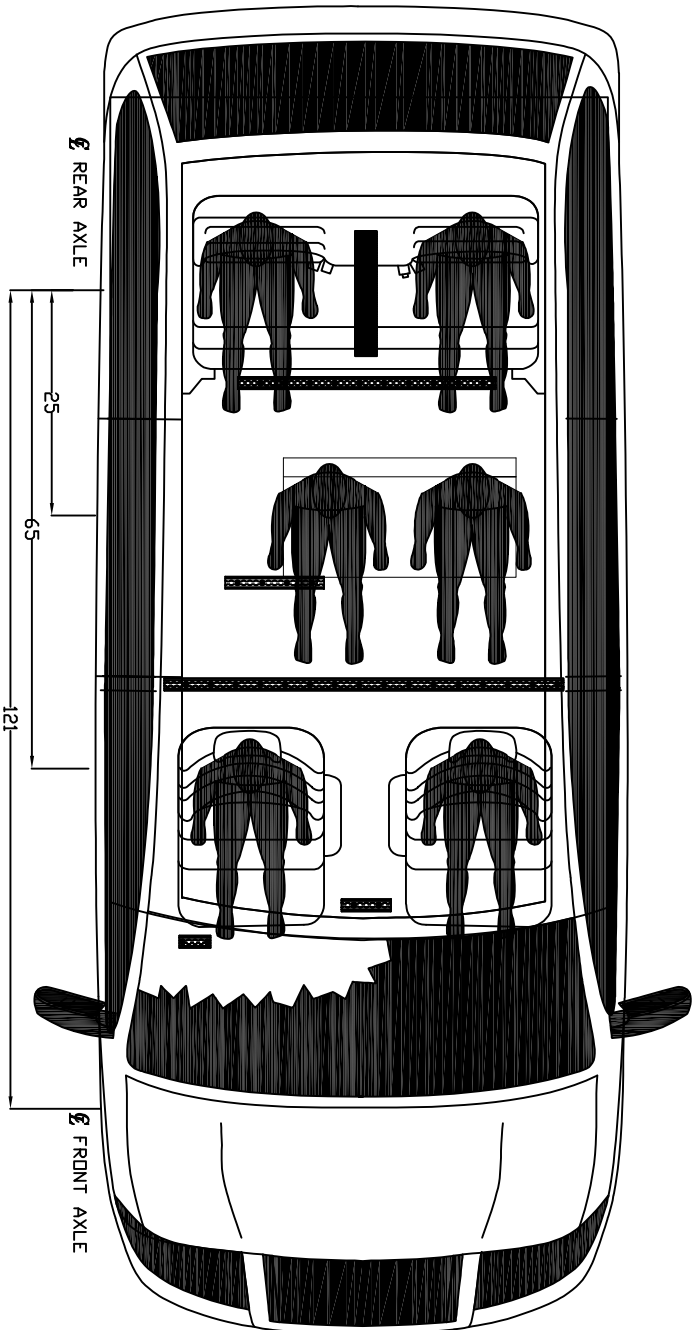


SEATING OPTION G: (5) AMBULATORY PASSENGERS AND THE DRIVER



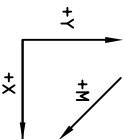
LOADED WEIGHT CALCULATIONS

$\Sigma M_{CLR} = 0$
 $300(65) + 300(25) + 2572(121) - F_{FR}(121) = 0$
 $F_{FR} = 2795\#$
 $\Sigma F_y = 0$
 $150(6) + 2572 + 2361 - 2795 - F_{FR} = 0$
 $F_{FR} = 3037$

REQUIRED CAPACITIES:
 LOADED GVW = 5832#
 LOADED GAW FRONT = 2795#
 LOADED GAW REAR = 3037#

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 = 4933#
 FRONT AXLE = 2572#
 REAR AXLE = 2361#
 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.)
 WEIGHTS FROM VIN #2C7VDGB6XKR605754



DESIGN/APPR.	DATE	SCALE
MDL	9/11/19	1"=32"
DRAWN		
P/JF		
DETAIL CHK.		
TOLERANCES: (UNLESS OTHERWISE SPECIFIED) DECIMAL DIMENSIONS .XXX = ±.000 .XX = ±.030 .X = ±.060 FRACTIONAL DIMENSIONS = ±1/32 ANGULAR DIMENSIONS = ±1° NOTE: DEBURR ALL SHARP CORNERS		

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REQ. BY	LET.	REVISION	ECON. NO.	REV. BY	DATE	P/N
					9/11/19	BRAUN RT ADA SE - ARKANSAS 2019
						509405