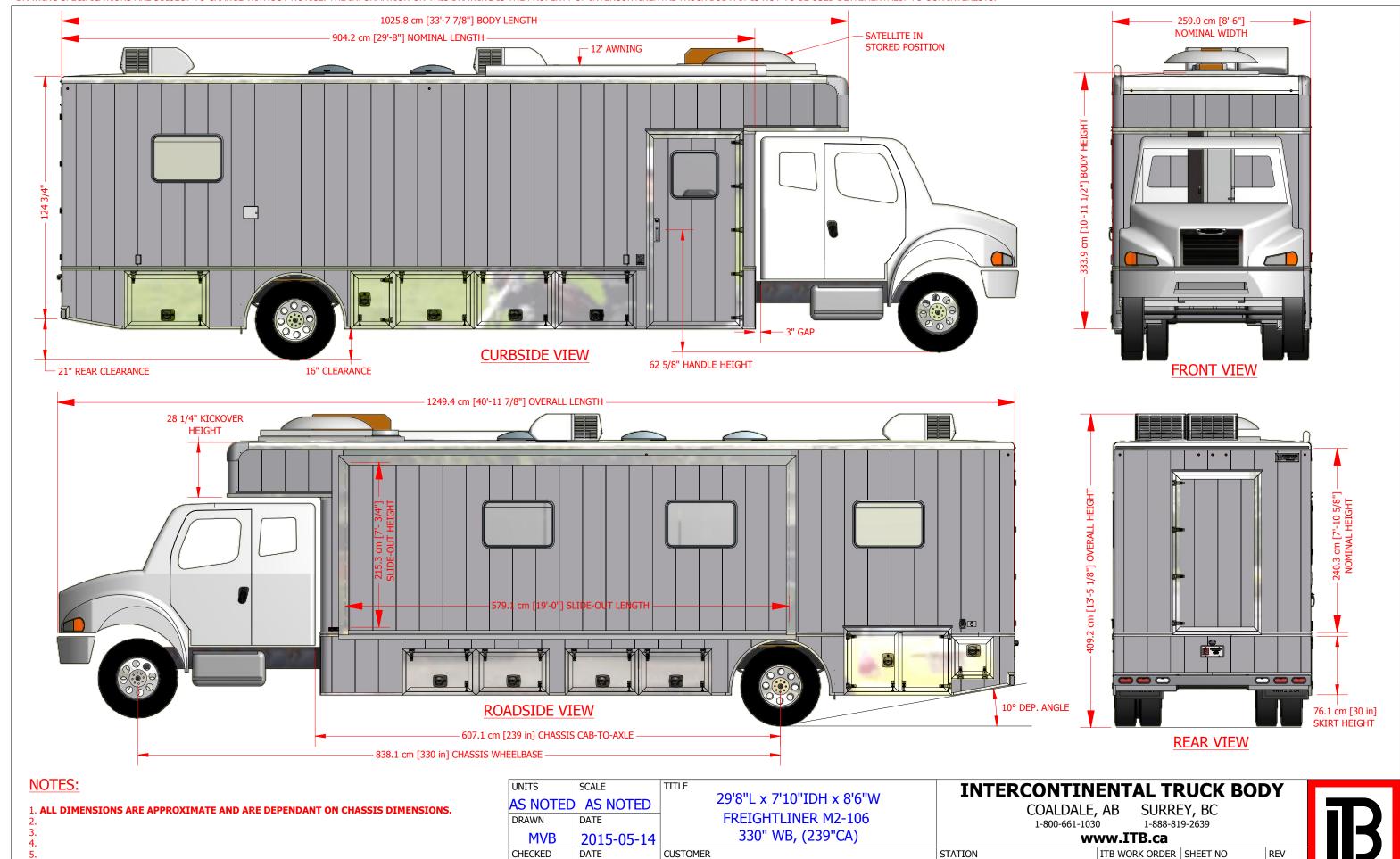


AS NOTED DRAWN MVB	AS NOTED DATE 2015-05-14	29'8"L x 7'10"IDH x 8'6"W FREIGHTLINER M2-106 330" WB, (239"CA)	INTERCONTIN COALDALE, 1-800-661-103	AB SURRE	EY, BC
CHECKED	DATE	CUSTOMER	STATION	ITB WORK ORDER	SHEET NO
		UNIVERSITY OF ALBERTA	PRESENTATION		1 OF 1

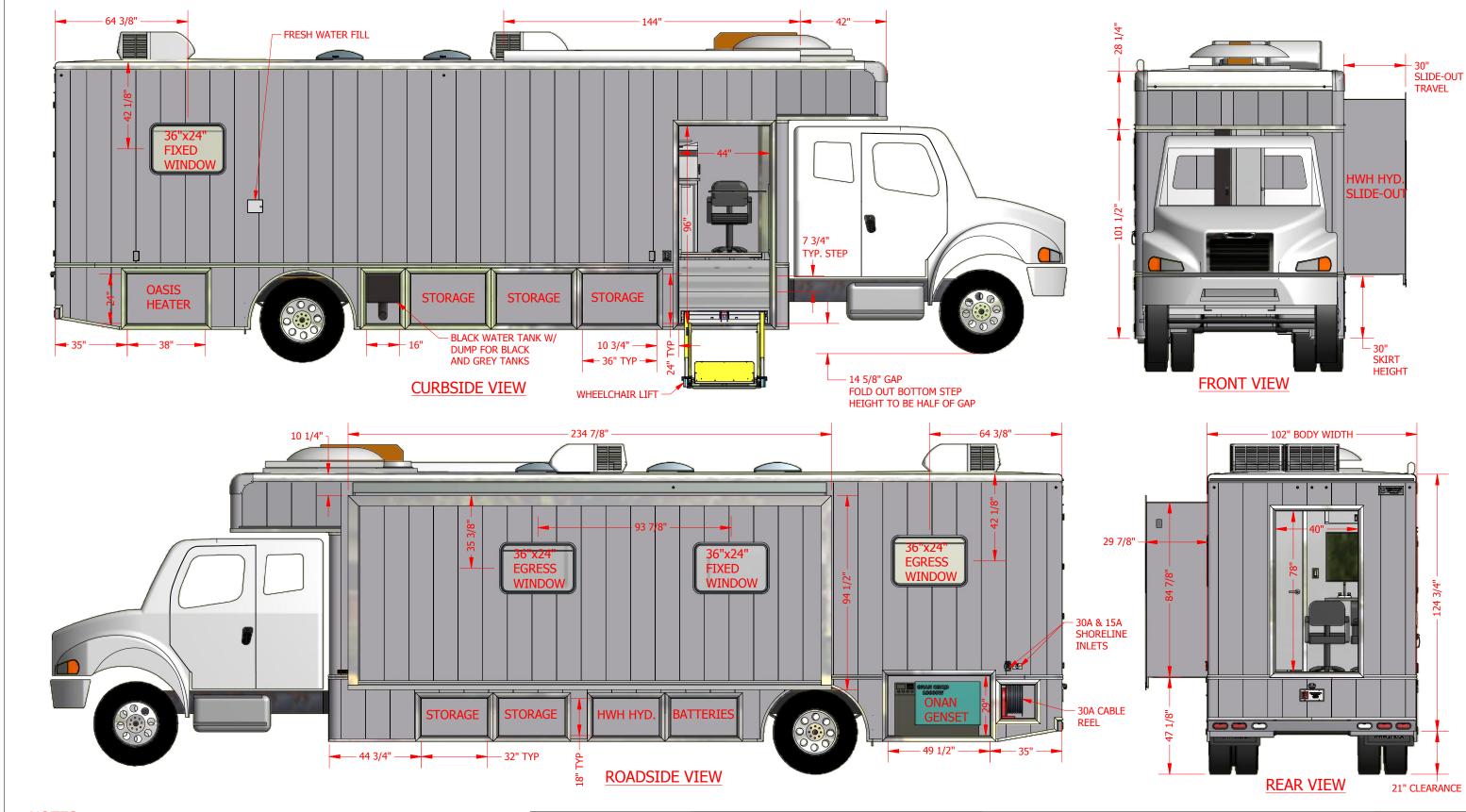
1 OF 10



**UNIVERSITY OF ALBERTA** 

2 OF 10

**EXTERIOR** 



1. ALL DIMENSIONS ARE APPROXIMATE AND ARE DEPENDANT ON CHASSIS DIMENSIONS.

3. 4.

UNITS	SCALE	TITLE
<b>AS NOTED</b>	AS NOTED	
DRAWN	DATE	
MVB	2015-05-14	
CHECKED	DATE	CUSTOMER

29'8"L x 7'10"IDH x 8'6"W FREIGHTLINER M2-106 330" WB, (239"CA)

UNIVERSITY OF ALBERTA

STATION

#### INTERCONTINENTAL TRUCK BODY COALDALE, AB SURREY, BC

1-800-661-1030 1-888-819-2639

www.ITB.ca

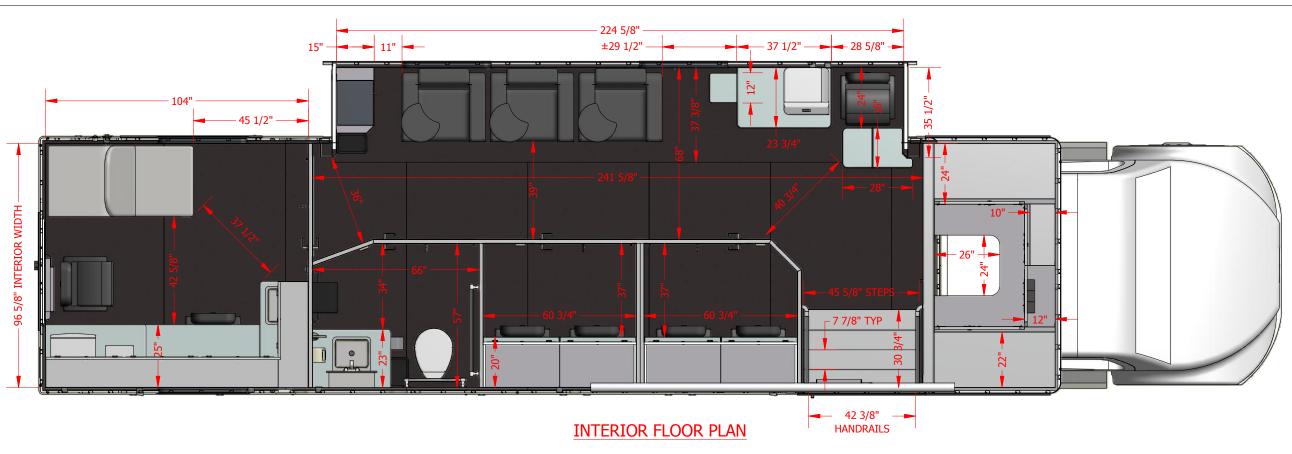
ITB WORK ORDER | SHEET NO REV 3 OF 10 **EXTERIOR** 

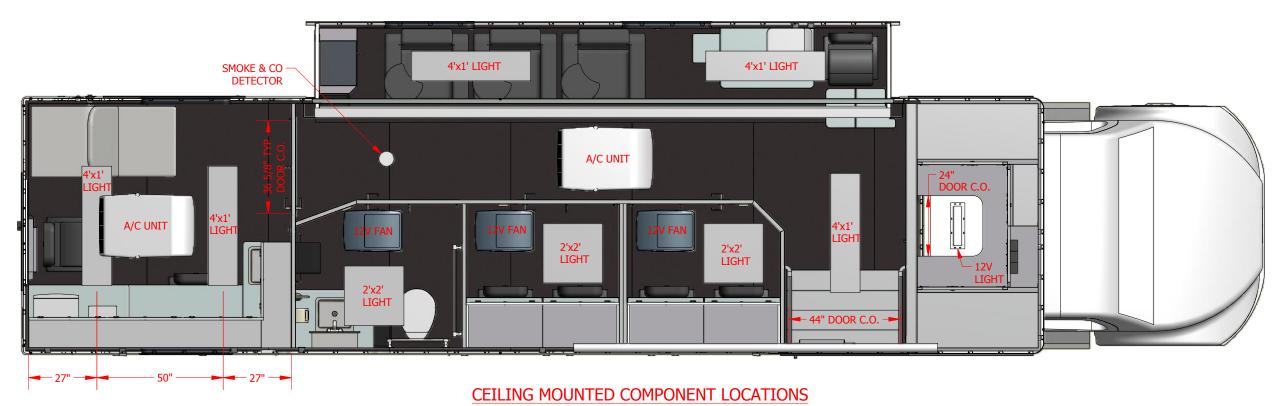




AS NOTED DRAWN	AS NOTED  DATE	29'8"L x 7'10"IDH x 8'6"W FREIGHTLINER M2-106	INTERCONTIN COALDALE,	AB SURRE	EY, BC	ΟY	
MVB 2015-05-14		220   WD (220  CA)	1-800-661-1030 1-888-819-2639 <b>www.ITB.ca</b>				
CHECKED	DATE	CUSTOMER	STATION	ITB WORK ORDER	SHEET NO	REV	
		UNIVERSITY OF ALBERTA	PRESENTATION	_	4 OF 10	1	







1. ALL DIMENSIONS ARE APPROXIMATE AND ARE DEPENDANT ON CHASSIS DIMENSIONS.

3. 4. 5.

UNITS

AS NOTED AS NOTED DRAWN DATE MVB 2015-05-14 CHECKED DATE

SCALE

TITLE 29'8"L x 7'10"IDH x 8'6"W FREIGHTLINER M2-106 330" WB, (239"CA) CUSTOMER

**UNIVERSITY OF ALBERTA** 

# INTERCONTINENTAL TRUCK BODY

STATION

FLOOR PLAN

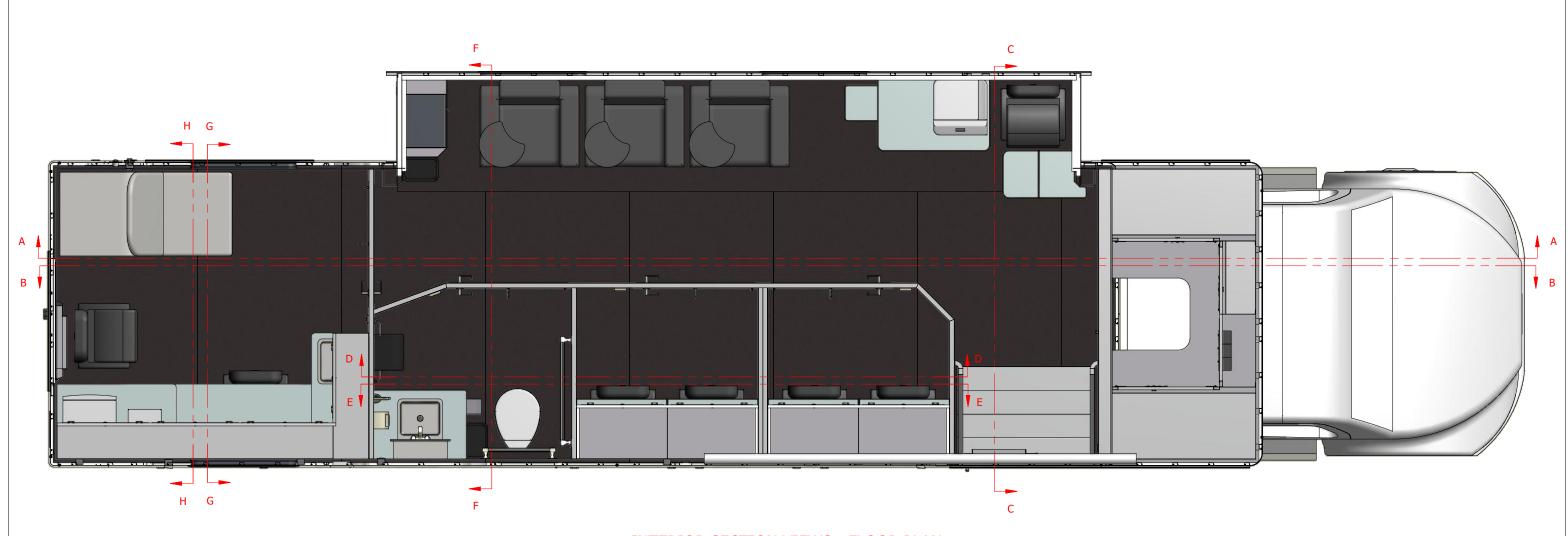
SURREY, BC COALDALE, AB 1-800-661-1030

1-888-819-2639

www.ITB.ca

ITB WORK ORDER | SHEET NO 5 OF 10





INTERIOR SECTION VIEWS - FLOOR PLAN SEE FOLLOWING PAGES FOR INTERIOR VIEWS

## **NOTES:**

1. ALL DIMENSIONS ARE APPROXIMATE AND ARE DEPENDANT ON CHASSIS DIMENSIONS.

2. 3. 4. 5.

UNITS	SCALE	IIILE	
AS NOTED	AS NOTED		29'8"L x 7'10"IDH x 8'6"W
DRAWN	DATE		FREIGHTLINER M2-106
MVB	2015-05-14		330" WB, (239"CA)
CHECKED	DATE	CUSTOMER	
			UNIVERSITY OF ALBERTA

## **INTERCONTINENTAL TRUCK BODY**

COALDALE, AB 1-800-661-1030 SURREY, BC 1-888-819-2639

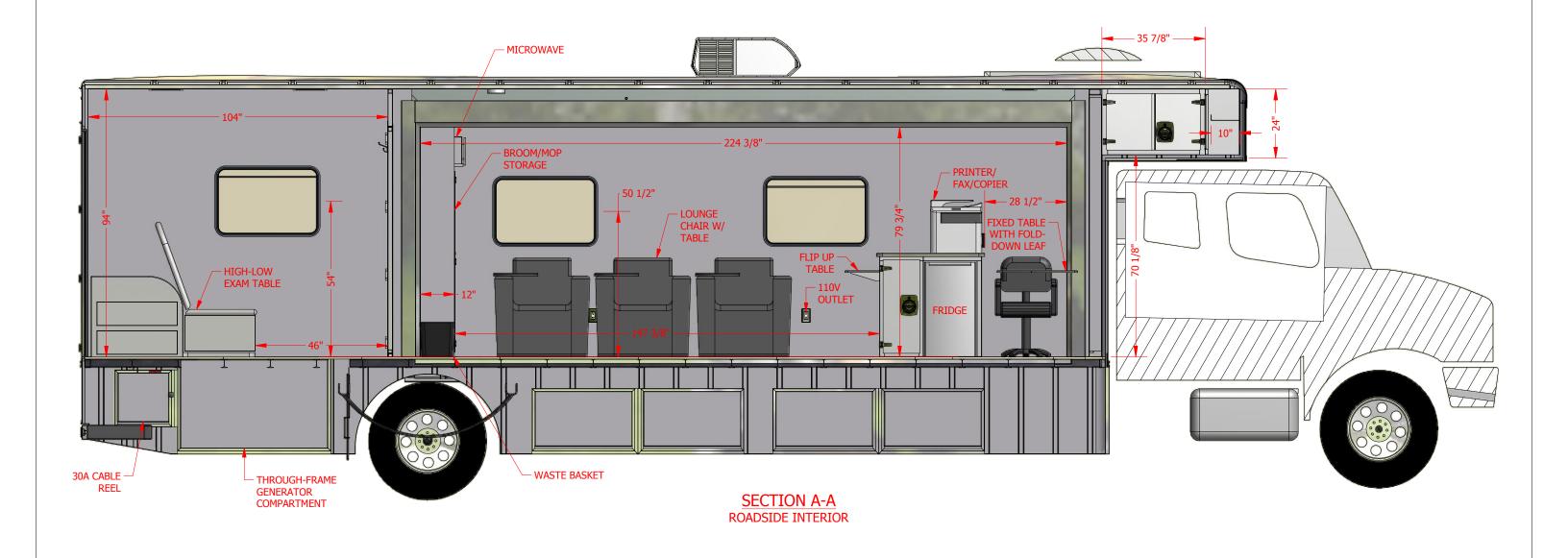
STATION

**INTERIOR** 

			TD	
**************************************	w۱	N.I	I K.CA	

ITB WORK ORDER | SHEET NO

6 OF 10



1. ALL DIMENSIONS ARE APPROXIMATE AND ARE DEPENDANT ON CHASSIS DIMENSIONS.

UNITS	SCALE
<b>AS NOTED</b>	AS NOTED
DRAWN	DATE
MVB	2015-05-14
CHECKED	DATE

TITLE 29'8"L x 7'10"IDH x 8'6"W FREIGHTLINER M2-106 330" WB, (239"CA) CUSTOMER

**UNIVERSITY OF ALBERTA** 

**INTERCONTINENTAL TRUCK BODY** SURREY, BC COALDALE, AB 1-800-661-1030

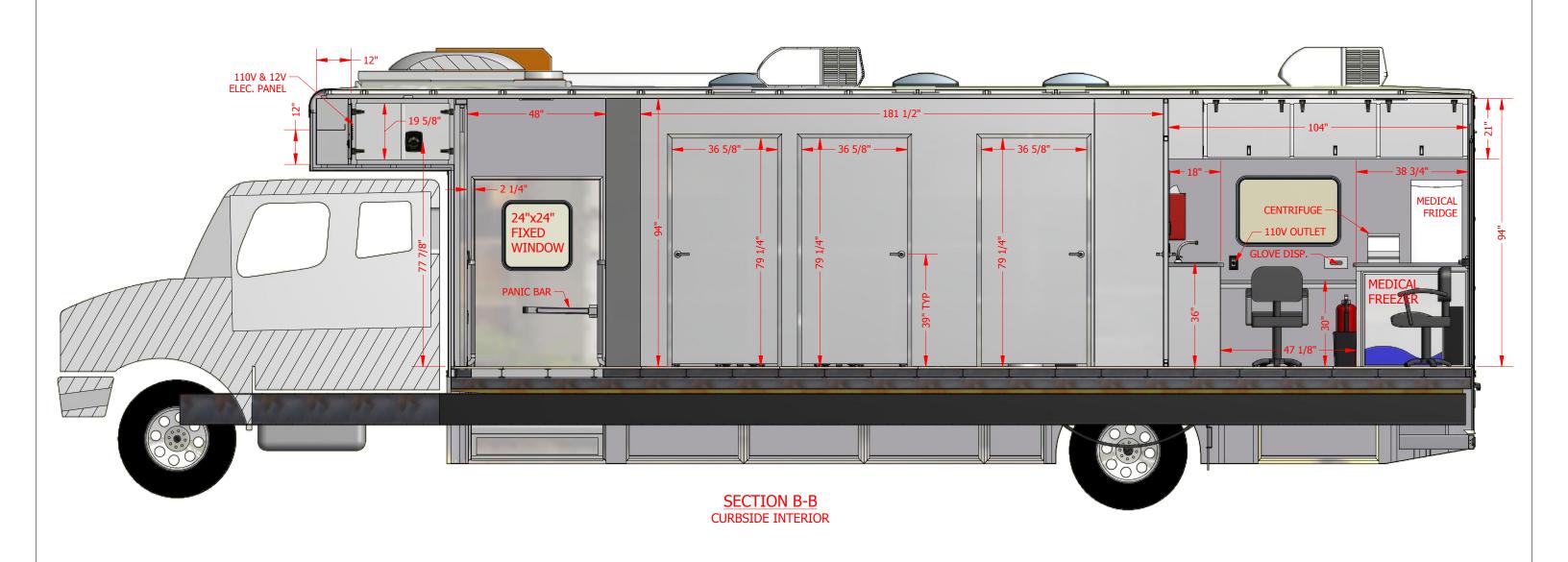
**INTERIOR** 

STATION

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ITB WORK ORDER | SHEET NO REV 7 OF 10





1. ALL DIMENSIONS ARE APPROXIMATE AND ARE DEPENDANT ON CHASSIS DIMENSIONS.

4. 5.

UNITS	SCALE
AS NOTED	AS NOTED
DRAWN	DATE
MVB	2015-05-14
CHECKED	DATE

TITLE 29'8"L x 7'10"IDH x 8'6"W FREIGHTLINER M2-106 330" WB, (239"CA) CUSTOMER

**UNIVERSITY OF ALBERTA** 

## **INTERCONTINENTAL TRUCK BODY**

SURREY, BC COALDALE, AB 1-800-661-1030 1-888-819-2639

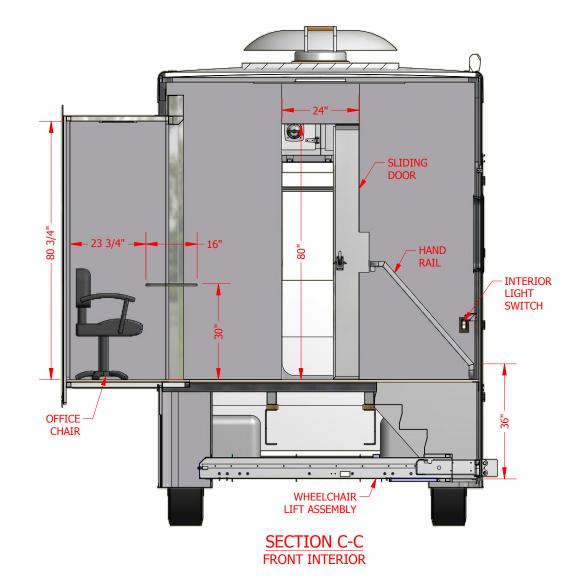
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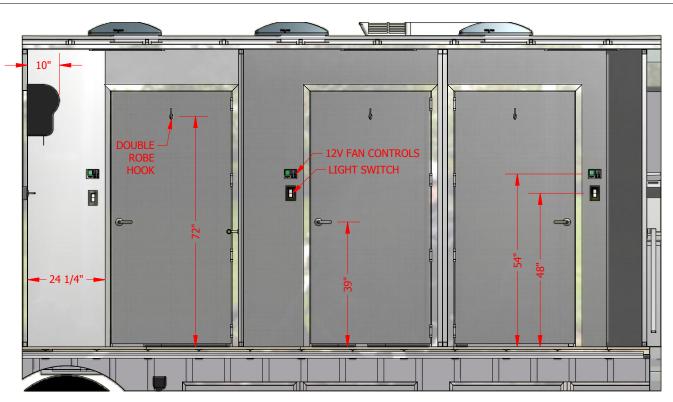
**INTERIOR** 

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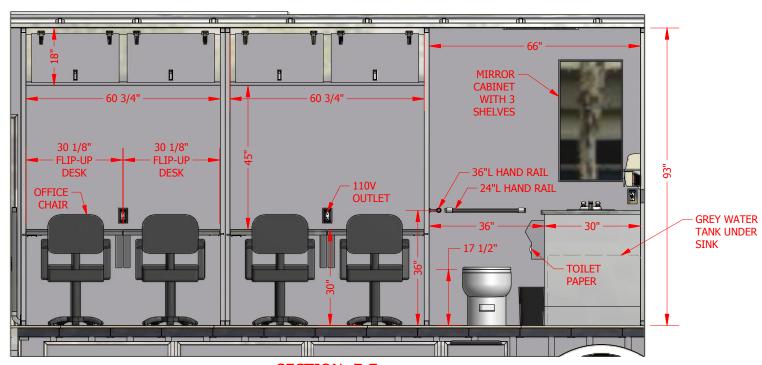
ITB WORK ORDER | SHEET NO 8 OF 10







SECTION D-D WORKROOMS/BATHROOM INTERIOR



SECTION E-E WORKROOMS/BATHROOM INTERIOR

1. ALL DIMENSIONS ARE APPROXIMATE AND ARE DEPENDANT ON CHASSIS DIMENSIONS.

3.

UNITS AS NOTED AS NOTED DRAWN DATE MVB 2015-05-14 CHECKED DATE

TITLE SCALE 29'8"L x 7'10"IDH x 8'6"W FREIGHTLINER M2-106 330" WB, (239"CA) CUSTOMER

UNIVERSITY OF ALBERTA

INTERCONTINENTAL TRUCK BODY

STATION

www.ITB.ca

COALDALE, AB

1-800-661-1030

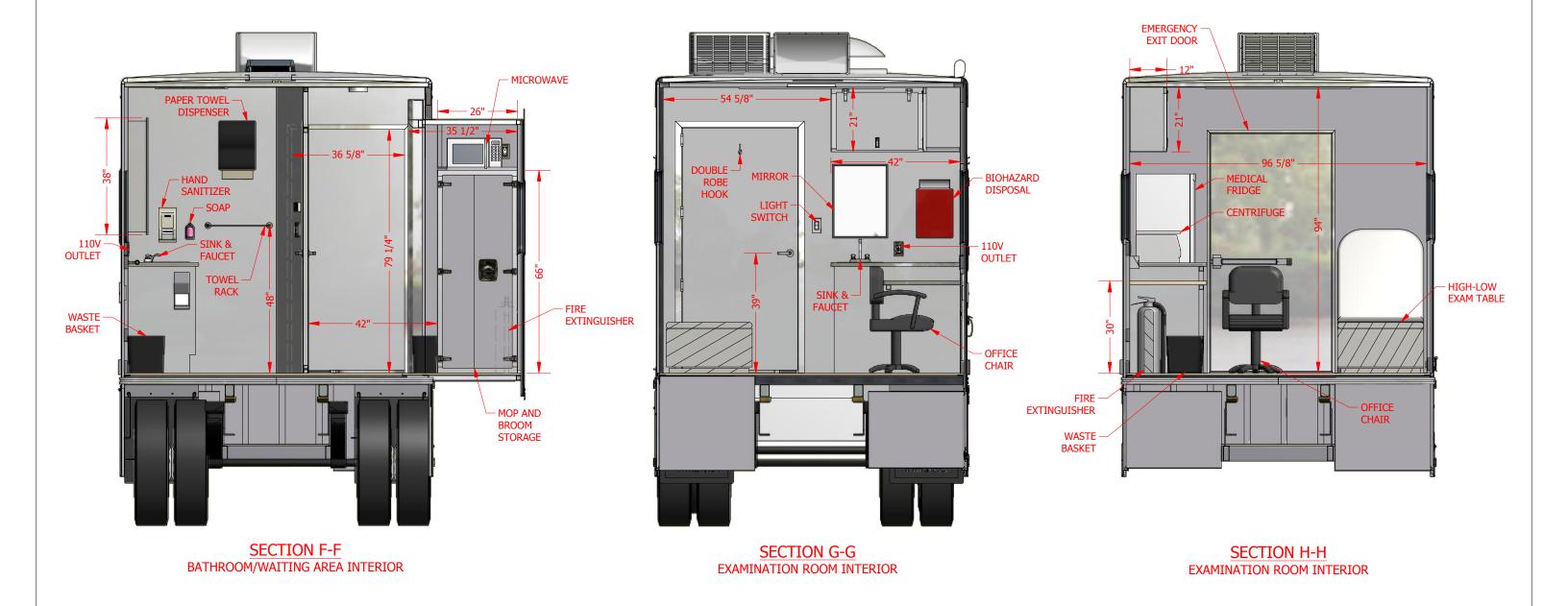
**INTERIOR** 

ITB WORK ORDER | SHEET NO

SURREY, BC

1-888-819-2639

9 OF 10



1. ALL DIMENSIONS ARE APPROXIMATE AND ARE DEPENDANT ON CHASSIS DIME

3. 4. 5.

NSIONS.	

UNITS

DRAWN

CHECKED

MVB

AS NOTED AS NOTED DATE 2015-05-14 DATE

SCALE

## TITLE 29'8"L x 7'10"IDH x 8'6"W FREIGHTLINER M2-106 330" WB, (239"CA) CUSTOMER

**UNIVERSITY OF ALBERTA** 

## INTERCONTINENTAL TRUCK BODY

SURREY, BC COALDALE, AB 1-800-661-1030 1-888-819-2639

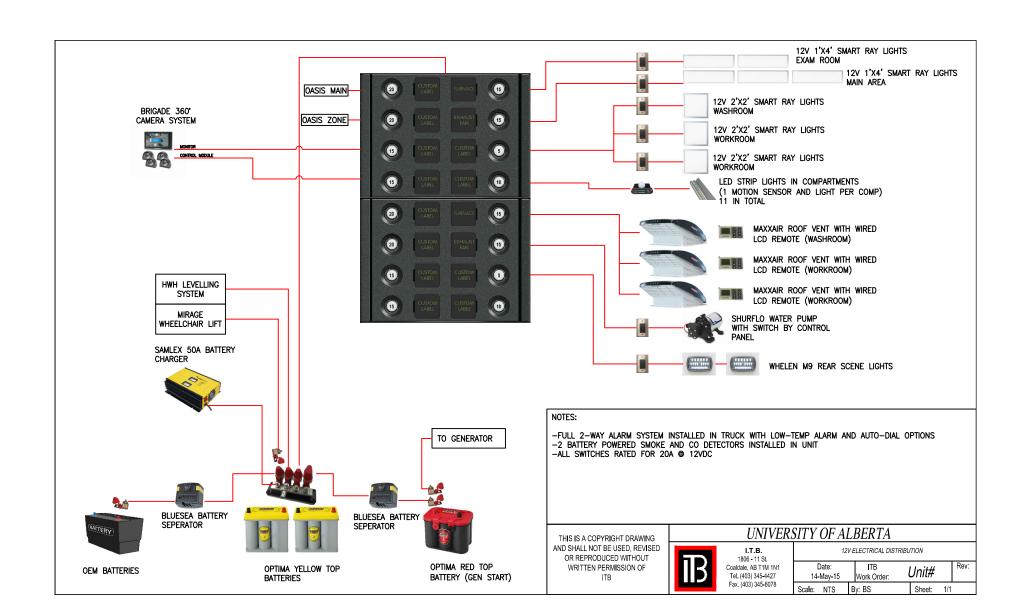
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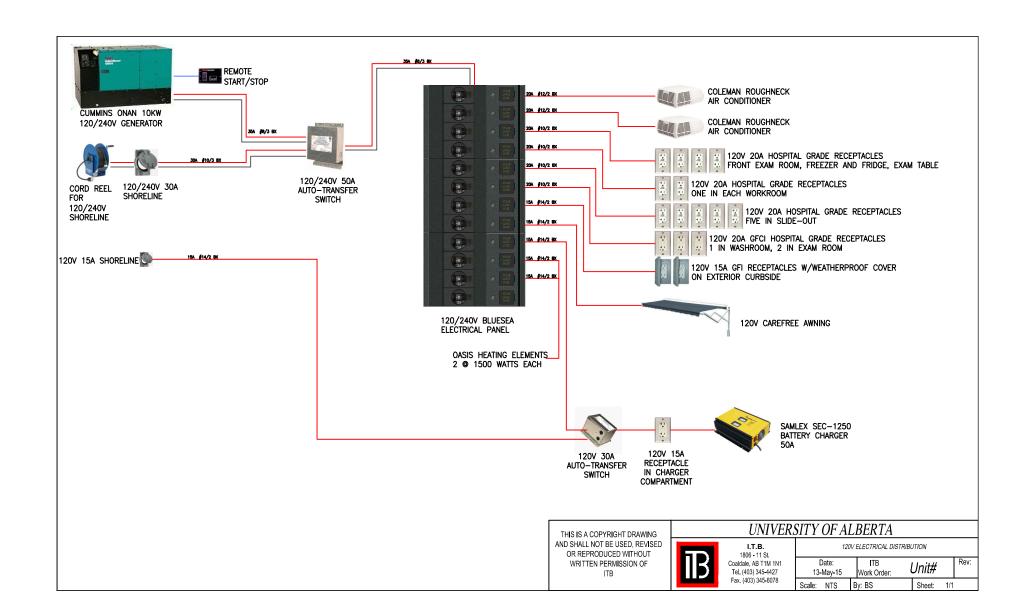
**INTERIOR** 

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ITB WORK ORDER | SHEET NO REV 10 OF 10







PANEL SCHEDULE													
DESCRIPTION		VA		BREAKER		CT BUSS		ССТ	BREAKER		R VA		DESCRIPTION
DESCRIPTION	Α	В	POLE	AMP	#	CONN.		#	AMP	POLE	Α	В	DESCRIPTION
GENERAL RECEPTACLE (2)	240		1	15	1	+	+	2	20	1	1836		A/C UNIT #1
GENERAL RECEPTACLE (4)		1080	1	15	3	H	┯	4	20	1		1836	A/C UNIT #2
GENERAL RECEPTACLE (2)	240		1	15	5	H	+	6	20	1	1908		BATTERY CHARGER
GENERAL RECEPTACLE (5)		1000	1	15	7	H	+	8	15	1		300	AWNING
GENERAL RECEPTACLE (3)	360		1	15	9	+	+	10	15	1	1500		OASIS HEATING ELEMENT
OASIS HEATING ELEMENT		1500	1	15	11	+	+	12					
	840 3680 5244 2136												
TOTAL A: 6084	TOTAL A: 6084								TOTAL B: 5816				

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I.T.B. 1806 - 11 St. Coaldale, AB T1M 1N1 Tel. (403) 345-4427 Fax. (403) 345-6078

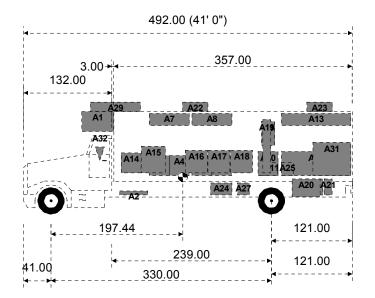
Rev:

UNIVERSITY OF ALBERTA

Project Name:	UNIVERSITY OF	ALBERTA - M	EDICAL TRUCK						
Company:	INTERCONTINE	NTAL TRUCK I	BODY						
Calculated By:	William Chao	Indoor Design	n temperature			С	68	F	
Date:	01/05/2015		gn temperature		-10	C	14 54	F	
Comments:		Heating Degr	differences (∆T	,	DD 30	C	54	r	+
	Division	U' value			DD		Numer of A	ir Shifts (how	+
Total Insulation Values:	R' value		of air change	ion in number	0.35		many times	the air is	0.00014
l	(F.h.ft <sup>2</sup> )/BTU	BTU/h/ft <sup>2</sup>	_	-			replaced in	the room per	
Walls	14.00	0.071	Heat loss thro		23				+
Roof Floor	21.00 21.000	0.048 0.048	wall (Btu/h/ft) Specific Heat		1.005				
Windows	5.000	0.200	Density of Air		1.534				
Door	6.00	0.167	Deliaity of All	(kg/iii3)	1.004				+
Building Information									
Room Description	Main	Extension							
Width:(ft)	8.50	2.50							
Length:(ft)	39.19	19.57							
Room area: (ft²)	333.09	48.93							
Height (ft)  Volume of room (ft <sup>3</sup> )	10.01 3334.41	6.69 327.23							
Volume of room (n3)	94.42	9.27							
Length of perimeter wall (ft)	95.38	24.57						1	+
North Wall:	392.28	2-1.07	1					1	+
Width (ft)	39.19	19.57							1
Height (ft)	10.01	6.69							
East Wall:	85.09								
Width (ft)	8.50	2.50							
Height (ft)	10.01	6.69							+
South Wall: Width (ft)	392.28 39.19	0.00							+
Height (ft)	10.01	6.69							+
West Wall:	85.09	0.03							+
Width (ft)	8.50	2.50							
Height (ft)	10.01	6.69							
Roof:									
Width (ft)	8.50	2.50							
Length (ft)	39.19	19.57							
Floor:	0.50	2.50							
Width (ft) Length (ft)	8.50 39.19	2.50 19.57							
Window:	6.00	19.57							-
Width (ft)	3.00	3.00							
Height (ft)	2.00	2.00							
Number of windows	4.00	0.00							
Door:									
Width (ft)	3.67	3.00							
Height (ft)	8.00	1.00							
Number of doors	1.00	0.00							
Gross Wall Area	954.74	164.33							-
Gross window Area	24.00	0.00							
Door area (ft <sup>2</sup> )	29.33	0.00							
Net Wall area	901.41	164.33							
Gross roof area	333.09	48.93							
Gross floor area	333.09	48.93							
Harden de la									
Heat loss thro' walls	3476.87	633.85							+
Heat loss thro' windows Heat loss thro' roof	259.20 856.53	0.00 125.83							+
Heat loss thro' door	264.00	0.00							+
Heat loss thro' floor	856.53	125.83	1	1				1	+
Heat loss thro' infiltration (W)	0.61	0.06							1
Heat loss thro' infiltration (BTU/h)	2.09	0.20							
Perimeter Heat loss	2193.63	565.18							
Sub-Total Room Heat Loss (BTU/h)	7908.83	1450.88							
CFM	135.61								4
Total Heat Loss (BTU/h) Total Heat Loss (W)	9359.7								+
TOTAL FIERL LUSS (VV)	2752.86			1					+
50,000 BTU/h Heater	50,000	BTU/h						1	+
	14705.88		1					1	+
Additional heater	1500.00	W (J/s)							
Total Heat Transfer Rate (W)	13453.02								
Heat Needed in the Room (From -20 to 10)		4795.4	9 KJ						
				200/ 500/					+
	1			30% - 50%	Seconds				+
Total Time required to Heat up the Empty Tes	ailor	256 4	6 Secondo	E31 EU					
Total Time required to Heat up the Empty Tra	ailer		6 Seconds 4 Minutes						+
Total Time required to Heat up the Empty Tra	ailer	5.9	4 Minutes	8.91	Minutes				+
Total Time required to Heat up the Empty Tra	ailer	5.9		8.91					

#### All lengths in inches and weights in pounds

#### Printout of Load Xpert software



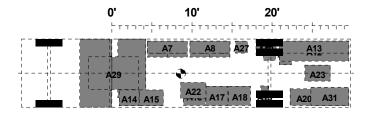
(Total =330) 330 FREIGHTLIN

Axle Loads:	<u>•#1_i</u>	<u>. #2_i</u>	₁ Total ;
	(lb)	$\overline{(lb)}$	(lb)
Tare:	9055	5260	14315
Body:	2154	7233	9387
Accessories:	892	5528	6420
Payload:	0	0	0
Total:	12100	18022	30122
Desired/(GVW)*:	14700	21000	(35700*)
GAWR/(GVWR*):	14700	21000	(35700*)

Overall C.G. height from ground (in): 55.65

ESTIMATED WEIGHT CALCULATION FOR THE PROPOSED MOBILE MEDICAL UNIT FOR UNIVERSITY OF ALBERTA.

Title:	Company:	Date:
MOBILE MEDICAL UNIT	UNIVERSITY OF ALBERTA	MAY 14, 2015
VIODILE IVIEDICAL UNIT	Ref.:	By:
		MVB





#### **FREIGHTLIN**

Axle Loads:	<u>•#1</u> _i (lb)	<u>#2</u> ;	Total ;
	(lb)	(lb)	(lb)
Tare:	9055	5260	14315
Body:	2154	7233	9387 6420
Accessories:	892	5528	6420
Payload:	0	0	0
Total:	12100	18022	30122
Desired/(GVW)*:	14700	21000	(35700*)
GAWR/(GVWR*):	14700	21000	(35700*)

#### → = Overall center of gravity

ESTIMATED WEIGHT CALCULATION FOR THE PROPOSED MOBILE MEDICAL UNIT FOR UNIVERSITY OF ALBERTA.

Title:	Company:	Date:
MOBILE MEDICAL UNIT	UNIVERSITY OF ALBERTA	MAY 14, 2015
MOBILE MEDICAL UNIT	Ref.:	By:
		MVB

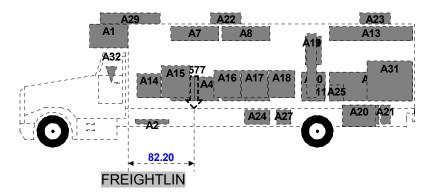
Maximum Payload

Based on lesser of the Desired Loads and Weight Ratings

Desired GVW: 35700 (lb)

□ = Maximum Payload		Unit 1 (Truck)
Weight:	(lb)	5577
C.G. Position * :	(in)	82.20

<sup>\*</sup> measured for chassis from back of cab, for other Units from front end of Body.



Axle Loads:	<u>. #1 :</u>	<u>#2</u> ;	Total
	(lb)	(lb)	(lb)
Tare:	9055	5260	14315
Body:	2154	7233	9387
Accessories:	892	5528	6420
Payload:	2599	2978	5577
Total:	14699	21000	35699
Desired/(GVW)*:	14700	21000	(35700*)
GAWR/(GVWR*):	14700	21000	(35700*)

ESTIMATED WEIGHT CALCULATION FOR THE PROPOSED MOBILE MEDICAL UNIT FOR UNIVERSITY OF ALBERTA.

Title:	Company:	Date:
MOBILE MEDICAL UNIT	UNIVERSITY OF ALBERTA	MAY 14, 2015
MOBILE MEDICAL UNIT	Ref.:	By:
		MVB

## **ACCESSORY DESCRIPTION TABLE for MOBILE MEDICAL UNIT**

**Printout of Load Xpert software** 

Company: UNIVERSITY OF ALBERTA

Ref.:

**Date:** MAY 14, 2015

Unit	ID	Accessory Name	Weight	Length	Width	Height	Pos-X	Pos-Y	Pos-Z	CG-X	CG-Y	CG-Z
#			(lb)	(in)	(in)	(in)	(in)	(in)	(in)	(in)	(in)	(in)
1	A1	`KICKOVER CABINETS + PANEL	220	48.00	102.00	30.00	-45.00	0.00	75.00	24.00	51.00	15.00
1	A2	`WHEELCHAIR LIFT	700	42.00	88.00	6.00	12.00	7.00	-20.00	21.00	44.00	3.00
1	A3	`DESK WITH CHAIR	80	30.00	24.00	30.00	56.00	36.00	9.00	15.00	12.00	15.00
1	A4	`DESK WITH CHAIR	80	30.00	24.00	30.00	86.00	36.00	9.00	15.00	12.00	15.00
1	A5	`DESK WITH CHAIR	80	30.00	24.00	30.00	120.00	36.00	9.00	15.00	12.00	15.00
1	A6	`DESK WITH CHAIR	80	30.00	24.00	30.00	150.00	36.00	9.00	15.00	12.00	15.00
1	A7	<b>`OVERHEAD CABINET - WORK RO(</b>	40	60.00	18.00	18.00	56.00	39.00	84.00	30.00	9.00	9.00
1	A8	OVERHEAD CABINET - WORK RO	40	60.00	18.00	18.00	120.00	39.00	84.00	30.00	9.00	9.00
1	A9	`MIRROR CABINET - WASHROOM	50	20.00	8.00	36.00	224.00	45.00	54.00	10.00	4.00	18.00
1	A10	<b>`SINK WITH CABINET - WASHROON</b>	80	30.00	22.00	36.00	219.00	38.00	9.00	15.00	11.00	18.00
1	A11	`TOILET WITH FRAMEWORK	120	18.00	30.00	20.00	230.00	34.00	9.00	9.00	15.00	10.00
1	A12	`L-SHAPED DESK WITH FRIDGE & (	250	104.00	30.00	36.00	254.00	33.00	9.00	52.00	15.00	18.00
1	A13	<b>`OVERHEAD CABINET - EXAM ROO</b>	80	104.00	18.00	18.00	254.00	39.00	84.00	52.00	9.00	9.00
1	A14	`DESK WITH CHAIR	80	30.00	24.00	30.00	14.00	-37.00	13.00	15.00	12.00	15.00
1	A15	<b>`CABINET WITH FRIDGE &amp; PRINTEI</b>	210	36.00	24.00	40.00	44.00	-37.00	13.00	18.00	12.00	20.00
1	A16	`ARM CHAIR - SLIDE-OUT	65	33.00	29.00	34.00	110.00	-34.00	13.00	16.50	14.50	17.00
1	A17	`ARM CHAIR - SLIDE-OUT	65	33.00	29.00	34.00	144.00	-34.00	13.00	16.50	14.50	17.00

Unit 1:

FREIGHTLINER M2-106 33

- Pos-X: Measured for trucks and tractors from back of cab to front of Accessory. For other Units, from front of Body to front of Accessory.
- Pos-Y: Measured from centerline of Vehicle to centerline of Accessory. (negative towards left side)
- Pos-Z: Measured for trucks and tractors from top of chassis frame to bottom of Accessory. For other Units, from bed floor to bottom of Accessory.
- CG-X: Horizontal distance between front of Accessory and its center of gravity.
- CG-Y: Lateral distance between left side (driver's side) of Accessory and its center of gravity.
- CG-Z: Vertical distance between bottom of Accessory and its center of gravity.

## **ACCESSORY DESCRIPTION TABLE for MOBILE MEDICAL UNIT**

**Printout of Load Xpert software** 

Company: UNIVERSITY OF ALBERTA

Ref.:

**Date:** MAY 14, 2015

Unit	ID	Accessory Name	Weight	Length	Width	Height	Pos-X	Pos-Y	Pos-Z	CG-X	CG-Y	CG-Z
#			(lb)	(in)	(in)	(in)	(in)	(in)	(in)	(in)	(in)	(in)
11	A18	`ARM CHAIR - SLIDE-OUT	65	33.00	29.00		178.00	-34.00	13.00	16.50	14.50	17.00
1	_A19_	BROOM CABINET WITH MICROWA	115	12.00	30.00	80.00	226.00	-34.00	13.00	6.00	15.00	40.00
1	A20	`GENERATOR - ONAN QD 10000	850	42.00	25.00	27.00	270.00	-36.00	-23.00	21.00	12.50	13.50
1	A21	`CABLE REEL W/ CABLE	80	12.00	24.00	24.00	318.00	-37.00	-20.00	6.00	12.00	12.00
1	A22	'AIR CONDITIONER - COLEMAN RO	80	38.00	24.00	14.00	106.00	-26.00	105.00	19.00	12.00	7.00
1	A23	'AIR CONDITIONER - COLEMAN RO	80	38.00	24.00	14.00	292.00	0.00	105.00	19.00	12.00	7.00
1	A24	`BATTERY COMPARTMENT	250	32.00	25.00	18.00	148.00	-36.00	-20.00	16.00	12.50	9.00
1	A25	`WATER TANK - FRESH (FULL)	490	18.00	35.00	20.00	254.00	30.00	9.00	9.00	17.50	10.00
1	A26	`WATER TANK - GREY (FULL)	490	29.00	19.00	22.00	220.00	39.00	9.00	14.50	9.50	11.00
1	A27	`WATER TANK - BLACK (FULL)	215	18.00	18.00	18.00	188.00	39.00	-20.00	9.00	9.00	9.00
1	A28	`OASIS HEATER	200	36.00	24.00	24.00	280.00	36.00	-20.00	18.00	12.00	12.00
1	A29	`SATELLITE - MOBOSAT KU 1.2	185	75.00	49.00	14.00	-32.00	0.00	105.00	37.50	24.50	7.00
1	A30	`FREEZER - ULTRA-LOW TEMP	250	35.50	22.00	32.00	322.00	37.00	9.00	17.75	11.00	16.00
1	A31	`MEDICAL EXAM TABLE	500	57.00	28.00	50.00	301.00	-35.00	9.00	28.50	14.00	25.00
1	A32	`3RD PASSENGER	250	0.00	0.00	0.00	-18.00	0.00	32.00	0.00	0.00	0.00
	T			[ <del>  </del>								

Unit 1:

FREIGHTLINER M2-106 33

- Pos-X: Measured for trucks and tractors from back of cab to front of Accessory. For other Units, from front of Body to front of Accessory.
- Pos-Y: Measured from centerline of Vehicle to centerline of Accessory. (negative towards left side)
- Pos-Z: Measured for trucks and tractors from top of chassis frame to bottom of Accessory. For other Units, from bed floor to bottom of Accessory.
- CG-X: Horizontal distance between front of Accessory and its center of gravity.
- CG-Y: Lateral distance between left side (driver's side) of Accessory and its center of gravity.
- CG-Z: Vertical distance between bottom of Accessory and its center of gravity.

## Payload Analysis for MOBILE MEDICAL UNIT

Based on Weight Ratings

Printout of Load Xpert software

30122 (lb)

Company: UNIVERSITY OF ALBERTA Unit: FREIGHTLINER M2-106 330WB/239CA SRA (Truck)

Ref.: Make: FREIGHTLINER

Date: MAY 14, 2015 Model #: M2-106
Year: 2016 VIN #:

Allowable Payload: 5578 (lb)

(Based on Weight Ratings)

Total Weight (summation of weights in table below):

GVWR (Gross Vehicle Weight Rating):

(Based on Weight Ratings)

(Allowable payload = lowest of GVWR and sum(GAWR) - Total weight)

(Allowable payload = lowest of GVWR and sum(GAWR) - Total weight)

(Summation of axle ratings): 35700 (lb)

Item description	<u>on</u>	Weight (lb)
Truck:	Tare weight (includes all axles)	14315
	Body weight	9387
Accessories:	A1: `KICKOVER CABINETS + PANEL	220
	A2: `WHEELCHAIR LIFT	700
	A3: `DESK WITH CHAIR	80
	A4: `DESK WITH CHAIR	80
	A5: `DESK WITH CHAIR	80
	A6: `DESK WITH CHAIR	80
	A7: `OVERHEAD CABINET - WORK ROOM	40
	A8: `OVERHEAD CABINET - WORK ROOM	40
	A9: `MIRROR CABINET - WASHROOM	50
	A10: `SINK WITH CABINET - WASHROOM	80
	A11: `TOILET WITH FRAMEWORK	120
	A12: `L-SHAPED DESK WITH FRIDGE & CHAIR - EXAM ROOM	250
	A13: `OVERHEAD CABINET - EXAM ROOM	80
	A14: `DESK WITH CHAIR	80
	A15: `CABINET WITH FRIDGE & PRINTER	210
	A16: `ARM CHAIR - SLIDE-OUT	65
	A17: `ARM CHAIR - SLIDE-OUT	65
	A18: `ARM CHAIR - SLIDE-OUT	65
	A19: `BROOM CABINET WITH MICROWAVE - SLIDEOUT	115
	A20: `GENERATOR - ONAN QD 10000	850
	A21: `CABLE REEL W/ CABLE	80

## Payload Analysis for MOBILE MEDICAL UNIT

Based on Weight Ratings Printout of Load Xpert software

Company: UNIVERSITY OF ALBERTA Unit: FREIGHTLINER M2-106 330WB/239CA SRA (Truck)

Ref.: Make: FREIGHTLINER

Date: MAY 14, 2015 Model #: M2-106
Year: 2016 VIN #:

Allowable Payload: 5578 (lb) Total Weight (summation of weights in table below):

(Based on Weight Ratings)

(Allowable payload = lowest of GVWR and sum(GAWR) - Total weight)

GVWR (Gross Vehicle Weight Rating): 35700 (lb)

sum(GAWR) (summation of axle ratings): 35700 (lb)

Item description	on and the same of	Weight (lb)
Accessories:	A22: `AIR CONDITIONER - COLEMAN ROUGHNECK	80
	A23: `AIR CONDITIONER - COLEMAN ROUGHNECK	80
	A24: `BATTERY COMPARTMENT	250
	A25: `WATER TANK - FRESH (FULL)	490
	A26: `WATER TANK - GREY (FULL)	490
	A27: `WATER TANK - BLACK (FULL)	215
	A28: `OASIS HEATER	200
	A29: `SATELLITE - MOBOSAT KU 1.2	185
	A30: `FREEZER - ULTRA-LOW TEMP	250
	A31: `MEDICAL EXAM TABLE	500
	A32: `3RD PASSENGER	250

Total Weight: 30122

30122 (lb)

## Vehicle Weight & center of gravity (C.G.) for MOBILE MEDICAL UNIT

(Note: Hitch load, if any, doesn't influence C.G. position)

**Printout of Load Xpert software** 

Company: UNIVERSITY OF ALBERTA Unit: FREIGHTLINER M2-106 330WB/239CA SRA (Truck)

Ref.: Make: FREIGHTLINER

**Date:** MAY 14, 2015 **Model #:** M2-106

**Year:** 2016 **VIN #**:

Unit (includi	ng body, all a	xles, Access	sories (if any)	and Loads (if any))
		CG-X:	197.44 (in)	(measured for trucks & tractors from centerline of steer axle group, for semitrailers from kingpin, for trailers from drawbar eye)
Weight:	30122 (lb)	CG-Y:	-0.73 (in)	(measured from centerline of Unit, negative towards left side)
		CG-Z:	55.65 (in)	(measured from ground)
Chassis (inc	luding all axl	es but witho	ut Accessorie	s and Loads)
		CG-X:	121.26 (in)	(measured for trucks & tractors from centerline of steer axle group, for semitrailers from kingpin, for trailers from drawbar eye)
Weight:	14315 (lb)	CG-Y:	0.00 (in)	(measured from centerline of Unit, negative towards left side)
		CG-Z:	39.79 (in)	(measured from ground)
Overall ( Boo	dy + Accessor	ies + Loads	): 15807 ; 70	0.02 (in) measured from ground
Body				<del>-</del>
		CG-X:	254.29 (in)	(measured for trucks & tractors from centerline of steer axle group, for semitrailers from kingpin, for trailers from drawbar eye)
Weight:	9387 (lb)	CG-Y:	-4.00 (in)	(measured from centerline of Unit, negative towards left side)
_		CG-Z:	75.79 (in)	(measured from ground)
Overall Acce	essories (all A	ccessories	combined)	
		CG-X:	284.17 (in)	(measured for trucks & tractors from centerline of steer axle group, for semitrailers from kingpin, for trailers from drawbar eye)
Weight:	6420 (lb)	CG-Y:	2.42 (in)	(measured from centerline of Unit, negative towards left side)
		CG-Z:	61.59 (in)	(measured from ground)
Overall Load	ds (all Loads	combined, h	itch load not i	ncluded)
		CG-X:	N/A	(measured for trucks & tractors from centerline of steer axle group, for semitrailers from kingpin, for trailers from drawbar eye)
Weight:	0 (lb)	CG-Y:	N/A	(measured from centerline of Unit, negative towards left side)
		CG-Z:	N/A	(measured from ground)
Overall Com	partments (a	<b>-</b>	ents combined	d)
		CG-X:	N/A	(measured for trucks & tractors from centerline of steer axle group, for semitrailers from kingpin, for trailers from drawbar eye)
Weight:	0 (lb)	CG-Y:	N/A	(measured from centerline of Unit, negative towards left side)
		CG-Z:	N/A	(measured from ground)

CG-X: measured along Vehicle length; CG-Y: measured along Vehicle width; CG-Z: measured along Vehicle height.

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