



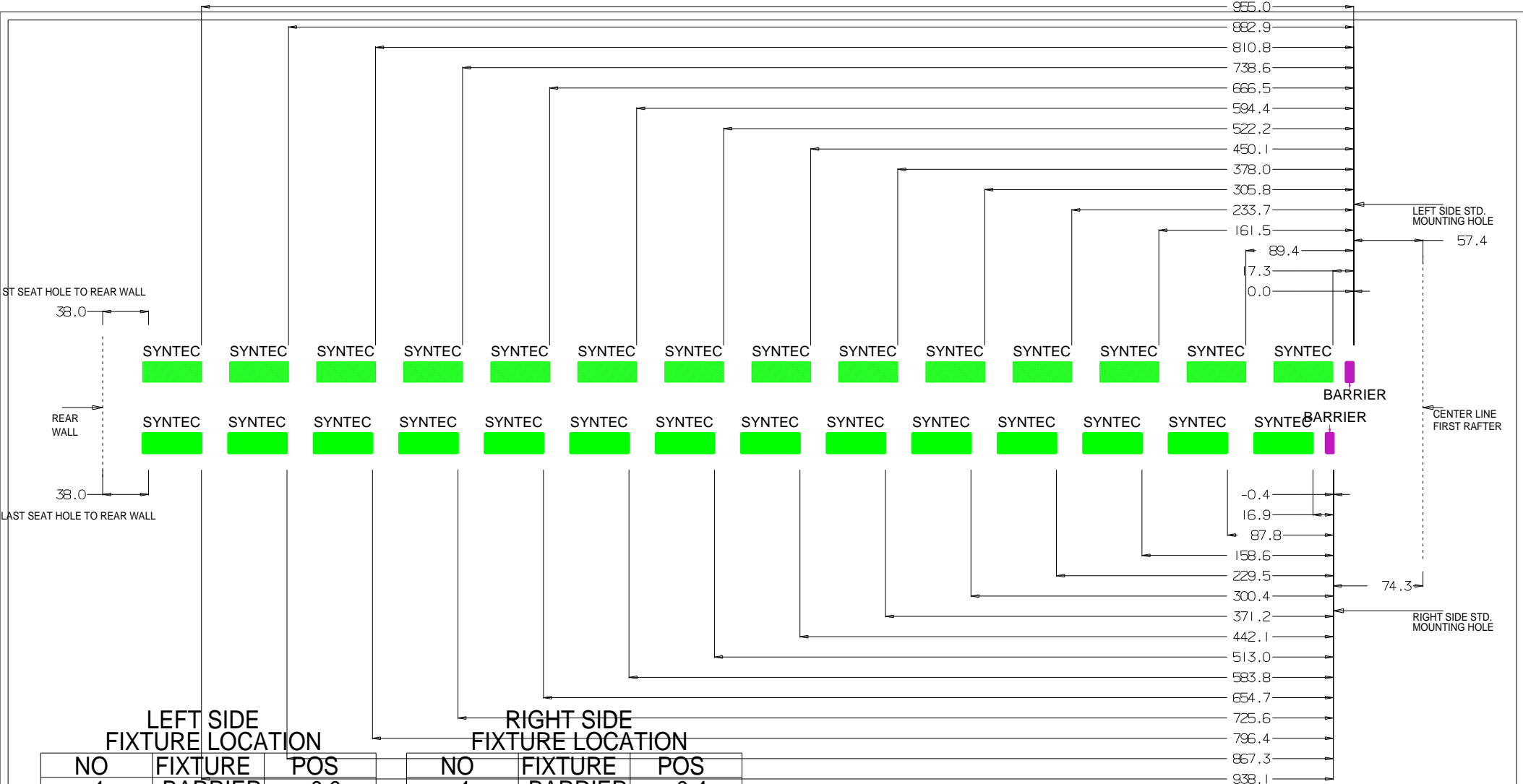
**VEHICLE FACTORS GROUP CHAIRMAN'S
FACTUAL REPORT**

Vehicle Attachment – Thomas Built Bus Final Build and Technical Specifications

Chattanooga, Tennessee

HWY17MH009

(7 pages)



**LEFT SIDE
FIXTURE LOCATION**


NO	FIXTURE	POS
1	BARRIER	0.0
2	GREEN	17.3
3	GREEN	89.4
4	GREEN	161.5
5	GREEN	233.7
6	GREEN	305.8
7	GREEN	378.0
8	GREEN	450.1
9	GREEN	522.2
10	GREEN	594.4
11	GREEN	666.5
12	GREEN	738.6
13	GREEN	810.8
14	GREEN	882.9
15	GREEN	955.0

**RIGHT SIDE
FIXTURE LOCATION**

NO	FIXTURE	POS
1	BARRIER	-0.4
2	GREEN	16.9
3	GREEN	87.8
4	GREEN	158.6
5	GREEN	229.5
6	GREEN	300.4
7	GREEN	371.2
8	GREEN	442.1
9	GREEN	513.0
10	GREEN	583.8
11	GREEN	654.7
12	GREEN	725.6
13	GREEN	796.4
14	GREEN	867.3
15	GREEN	938.1

NOTES: ALL DIMENSIONS ARE IN CENTIMETERS (CM)
UNLESS OTHERWISE INDICATED.

ALL FIXTURE DIMENSIONS ARE REFERENCED FROM
THE STANDARD BARRIER MOUNTING HOLE.

 INDICATEDS BARRIER MOUNTING POSITION.
0 DIMENSION INDICATES BARRIER
MOUNTED IN STANDARD HOLE.

FRONT OF BUS



Model: MVP-EF
Units Ordered: 87
Order Numbers: 4750 - 4836
Quote Number: 192384
Locality: TN
Build Date: 5/21/2007

- GENERAL NOTES
- SOME ITEMS, SUCH AS CV MIRRORS, ROOF LUGGAGE RACKS, AND OTHER ITEMS, ARE SHOWN IN ONE VIEW ONLY FOR CLARITY.
 - THIS DRAWING IS A REPRESENTATION ONLY AND MAY NOT HAVE ALL ITEMS REQUIRED. PLEASE REFER TO ORDERING INFORMATION FOR A COMPLETE LIST OF ITEMS.
 - THE CLEARANCES BETWEEN THE TOP OF BUS OR BOTTOM OF UNDERBODY COMPARTMENTS AND GROUND WILL VARY ACCORDING TO TIRE SIZE, BUS LOAD, AND SUSPENSION TYPE.
 - THE MAXIMUM WIDTH AT BELT LINE OVER GUARD RAILS IS 96".

THOMAS BUILT BUSES, INC
HIGH POINT, NC WOODSTOCK, CANADA

TITLE **SEAT RAIL FIXTURE DRILLING
BODY 1418S**

CAD DRAWING
DO NOT
MAKE MANUAL
CHANGES

DRN 03-29-07 BY Mike Easton
SCALE 3/8"=12" S DWG. NO. 270038

***** WEIGHT O.K. *****

SEATINGPLAN: 270038
 ORDER NO: 192384
 YARD NO:
 BODY MODEL: 1418S
 CHASSIS MAKE: THOS
 WHEELBASE: 231.0
 DATE: 03-29-07
 TIME: 14:52:20

Weight Summary	Front	%Front	Rear	%Rear	Total
Total Weight	11345.37	38%	18726.63	62%	30072.00
Allowables	12350.00		21000.00		33350.00
Unladen	9188.09	46%	10653.91	54%	19842.00
Base Body	2548.69		4596.31		7145.00
Body Options	565.15		2127.85		2693.00
Base Chassis	4861.00		3164.00		8025.00
Chassis Options	1213.25		765.75		1979.00
Passenger	2157.28		8072.72		10230.00
State Special	0.00		0.00		0.00

NOTES:

 * THE WEIGHT AND AXLE RATINGS IN THIS REPORT APPLY ONLY TO *
 * ORDER NO. 192384 AND REFERENCE SEATING PLAN 270038 *
 * ANY OPTIONS EXCEEDING 20 LBS. OR SEATING PLAN CHANGES NOT ON *
 * THIS REPORT OR MADE AFTER THE SUBMISSION DATE AND TIME WILL *
 * NULLIFY RESPONSIBILITY OF THOMAS BUILT BUSES ENGINEERING *
 * DEPARTMENT OF THE SAFE OPERATION OF THE VEHICLE *

* THIS SHEET MUST ACCOMPANY ORIGINAL ORDER.
 SIGNATURE OF ENGINEERING APPROVAL:



***** BODY OPTIONS *****

Option	Description	Front	Rear	Total
B158000141	PLYWOOD FLOOR	-14.87	459.87	445.00
B202001000	FIRE EXTINGUISHER 5 LB.	4.94	0.06	5.00
B2050TN000	KIT-FIRST AID,24 UNIT,TENNESSE	4.00	0.00	4.00
B2060TN000	KIT-BODY FLUID CLEAN-UP,TENNESSE	2.99	0.01	3.00
B209113000	TRIANGLE FLARES-0/HEAD STORAGE	10.33	0.67	11.00
B216002000	DEFROSTER FAN-MTD OVER W/S,CTR	2.97	0.03	3.00
B216005000	DEFROSTER FAN-MTD OVER DRS WDO	2.97	0.03	3.00
B231011000	BACK-UP ALARM - 112DB	-1.33	3.33	2.00
B293120000	ELECTRIC STOP SIGNAL W/STROBE	18.25	-2.25	16.00
B323000000	DRIVERS DOME	1.00	0.00	1.00
B335001000	DIRECTIONAL REAR-2 AMBER	-2.07	5.07	3.00
B342001000	DIRECTIONAL LIGHTS - SIDE, 4-C	2.00	0.00	2.00
B358204000	HALO 8-LIGHT WARN SYSTEM	1.91	4.09	6.00
B403003000	HEATER LEFT 15,000 BTU	10.42	-1.42	9.00
B412015050	84,000 BTU HEATER-LS REAR	-15.07	38.07	23.00
B525215001	ROOF HATCH-SPEC PROLO-WHITE	-6.02	28.02	22.00
B525215001	ROOF HATCH-SPEC PROLO-WHITE	15.88	6.12	22.00
B531000141	78" HEADROOM	52.00	118.00	170.00
B543000141	BOTTOM RAIL	5.89	49.11	55.00
B565902000	MUD FLAPS RUBBER 19.5 W	-0.61	7.61	7.00
B567000000	TOW HOOKS (2)	-13.80	33.80	20.00
B585706000	ELEC XING ARM-FIG-8 W/O LIGHT	4.06	-1.06	3.00
B610400175	AIR SUSPENSION PEDESTAL	12.34	-2.34	10.00

* * * WEIGHT DISTRIBUTION REPORT * * *

3	B624339000	39"	FMVSS	RESTRAINING SEAT	LEFT	LEFT SIDE	-170.28	530.28	360.00
3	B624339000	39"	FMVSS	RESTRAINING SEAT	LEFT	LEFT SIDE	-214.54	574.54	360.00
3	B624339000	39"	FMVSS	RESTRAINING SEAT	RIGHT	RIGHT SIDE	350.71	9.29	360.00
3	B624339000	39"	FMVSS	RESTRAINING SEAT	RIGHT	RIGHT SIDE	307.23	52.77	360.00
3	B624339000	39"	FMVSS	RESTRAINING SEAT	RIGHT	RIGHT SIDE	263.75	96.25	360.00
3	B624339000	39"	FMVSS	RESTRAINING SEAT	RIGHT	RIGHT SIDE	220.27	139.73	360.00
3	B624339000	39"	FMVSS	RESTRAINING SEAT	RIGHT	RIGHT SIDE	176.78	183.22	360.00
3	B624339000	39"	FMVSS	RESTRAINING SEAT	RIGHT	RIGHT SIDE	133.30	226.70	360.00
3	B624339000	39"	FMVSS	RESTRAINING SEAT	RIGHT	RIGHT SIDE	89.82	270.18	360.00
3	B624339000	39"	FMVSS	RESTRAINING SEAT	RIGHT	RIGHT SIDE	46.34	313.66	360.00
3	B624339000	39"	FMVSS	RESTRAINING SEAT	RIGHT	RIGHT SIDE	2.86	357.14	360.00
3	B624339000	39"	FMVSS	RESTRAINING SEAT	RIGHT	RIGHT SIDE	-40.62	400.62	360.00
3	B624339000	39"	FMVSS	RESTRAINING SEAT	RIGHT	RIGHT SIDE	-84.10	444.10	360.00
3	B624339000	39"	FMVSS	RESTRAINING SEAT	RIGHT	RIGHT SIDE	-127.58	487.58	360.00
3	B624339000	39"	FMVSS	RESTRAINING SEAT	RIGHT	RIGHT SIDE	-171.06	531.06	360.00
3	B624339000	39"	FMVSS	RESTRAINING SEAT	RIGHT	RIGHT SIDE	-214.54	574.54	360.00

Passenger Totals							2157.28	8072.72	10230.00