

EIDorado National



Orion Registrar, Inc., USA Certificate of Registration

This is to certify the Quality Management System of:

**EIDorado National (Kansas), Inc.
1655 Wall Street
Salina, Kansas 67401
USA**

*Has been assessed by Orion Registrar and found to be
in compliance with the following Quality Standard:*

ISO 9001:2000

The Quality Management System is Applicable to:

**Sale, Design and Manufacture of Customized
Buses and Multipurpose Passenger Vehicles**

The Registration period is from September 18, 2003 to September 17, 2006.

*This registration is subject to the company maintaining its system to the
required standard, and applicable exceptions, which will be monitored by Orion.*

Certificate Identification Number A0000205-4

EAC / NAICS / SIC Code(s): 22 / 336112 / 3713



Carl M. Burt 9/19/2003

President

Date

Orion Registrar, Inc. ★ Arvada, Colorado ★ PO Box 745070 ★ 303-456-6010 ★ FAX 303-456-6681

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AERO-ELITE TRANSIT/PARATRANSIT BUS TECHNICAL SPECIFICATIONS

The Aero-Elite is an aesthetically designed lightweight, medium-duty front engine transit/paratransit bus conforming to ADA Regulations. The Aero-Elite is currently at the Altoona Test facility for a 7-Year/200,000 mile test. Chassis shall be a Chevrolet C5500 Medium-Duty Chassis.

EIDorado National Aero-Elite	290	320
Wheelbase	213.5"	233"
Overall Length (Excluding Bumpers)	29' 1"	31' 9"
Ambulatory Seating Capacity	26	30
Wheelchair Positions	2	2
Ambulatory Seating with Wheelchairs	20	24
Folding Seat Positions	2	2
Rear Flip Seat Positions	4	4
Seat Width Per Seat – Minimum	17"	17"
GAWR – Front Minimum	8,000 lb.	8,000 lb.
GAWR – Rear Minimum	15,000 lb.	15,000 lb.
GVWR	22,000 lb.	22,000 lb.
Height, Interior – Minimum at Center Aisle	79.5"	79.5"
Minimum Engine Size (Liters)	6.6 Liter	6.6 Liter
Fuel Requirement	Diesel	Diesel
Fuel Capacity – Minimum	60 gallons	60 Gallons
Steps – Ground to First Step	11"	11"
Steps – Riser Height – Maximum	8.25"	8.25"
Steps – Tread Depth - Minimum	9.63"	9.63"

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3.0 SPECIFICATIONS

The EIDorado National Aero-Elite bus utilizes the Chevrolet C5500 chassis. The chassis is a front engine forward control design and includes the following components, systems and features as specified:

3.1 BASIC VEHICLE

3.1-1 CHASSIS FRAME ASSEMBLY

The frame assembly is fabricated using high strength-low alloy steel press formed channel rails. Assembly is "huck" bolted for strength and reduced chassis maintenance. Rails and attachments are pre-painted and then repainted after assembly for corrosion protection.

Frame Rails – 10.13" x 3.06" x 31" thick, 50,000 PSI yield press formed steel channel.

Cross Members – Two, 3/16" 36,000 PSI formed steel sections, interfaced, at designated locations throughout length of frame rails.

Bumper – Full width, aerodynamic, one piece wraparound, chrome plated steel, 0.142" material thickness.

WEIGHT CALCULATIONS - See section 5 of our proposal.

3.1-2 DIESEL ENGINE

Chevrolet diesel engine 6.6L (403 CID) SPFI V8 6600 DURAMAX.

3.1-3 FRONT SUSPENSION

Designed to provide maximum stability, axle alignment, and driver comfort. Springs designed for smooth quiet ride and maximum front-end stability, and a capacity of 8,000 lbs.

REAR SUSPENSION

The bus shall be equipped with rear Mor/Ryde Suspension system.

3.1-4 Shock absorbers as supplied by OEM, HD 1.375" Gas Filled, Front & Rear.

3.1-5 OEM power steering and power brakes shall be supplied, steering shall include a tilt wheel and cruise control.

3.1-6 Fuel tank capacity shall be 60 gallons.

3.1-7 Protective metal guards for the driveline shaft shall be provided to prevent a broken shaft from touching the ground and preventing the shaft from contacting the floor of the bus.

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3.2 TRANSMISSION

Allison 2200 Series electronically controlled automatic transmission with the capacity to perform under a start and stop duty cycle.

3.21 HUBODOMETER

Hubodometer is mounted on the rear curbside hub to record accumulated bus mileage.

3.3 INSTRUMENT PANEL

The driver's area consists of an ergonomically designed dash console complete with the following controls and instrumentation. The control panel provides labeled and illuminated system control switches when equipped, such as headlights, dome lights, air-conditioning, high idle, door control, etc. Instrument panel is equipped with speedometer, fuel, oil pressure, coolant temperature gauge and voltmeter. Telltale lights which indicate low oil pressure, coolant temperature, engine shut-down, park brake, high beam, air-conditioning inoperative, and differential brake pressure. A separate driver's area heater and air-conditioning control panel is also provided. Transmission temperature gauge and engine hour meter.

3.4 BACK-UP WARNING DEVICE

Waterproof 12 volt DC, ECCO #530. Alarm is controlled by the transmission reverse switch.

3.5 REAR OBSTACLE DETECTION

Intermotive, Hawkeye Reverse Assistance System, or equal, rear obstacle detection system mounted on the rear of the vehicle.

3.6 TWO-WAY RADIO/PA AND ANTENNA PRE-WIRE

AM/FM/CD radio with public address amplifier and hand held microphone. Four (4) speakers are mounted, two (2) front and two (2) rear, in the face of the ceiling cove. A waterproof exterior speaker shall be installed to be used when boarding passengers. Power switch for the PA system shall be mounted on the dash to provide operation for the inside, outside and amplifier off. Radio compartment box with 12-volt DC supply and ground hardness and antenna cable conduit is installed.

3.7 MIRRORS

Fully adjustable curbside and streetside mirrors. Mirrors shall be designed to prevent vibration and loss of adjustment without losing folding feature.

3.7-1 CURBSIDE

Mirrors shall be B&R Manufacturing Model #S1043, mirrors shall be constructed of high impact ABS housing with a black finish. Mirrors shall be remote control, heated with an LED turn signal visible from the rear of the vehicle.

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3.7-2 ROADSIDE

Mirrors shall be B&R Manufacturing Model #S1043, mirrors shall be constructed of high impact ABS housing with a black finish. Mirrors shall be remote control, heated with an LED turn signal visible from the rear of the vehicle.

3.7-3 PASSENGER

For driver's viewing of the passenger compartment, a fully adjustable BDS convex mirror that is 6" x 9" (A5007) rearview mirror is mounted in easy reach.

3.75 SUN VISOR

Front windshield visor shall be supplied.

3.8 BUMPERS

Front bumper shall be chrome plated steel construction. Rear bumper shall be reinforced Romeo Rim HELP "S" energy absorbing type or equivalent.

3.9 EXHAUST

High capacity aluminized steel exhaust pipe and muffler, properly installed with heat shields, baffles and vibration mounts. Tailpipe is so designed to direct exhaust toward the ground at the rearmost roadside corner of the bus body.

4.0 TIRES

Wheels and tires are interchangeable front and rear, tubeless type. Wheels shall be 8-hole steel disc, 19.5" x 6.75", tires shall be 225/70R x 19.5 TL Premium Highway. Valve extensions shall be used on all wheels with elbow extensions on the inside rear dual wheels. A spare tire and wheel shall be loaded loose in the vehicle.

4.0-1 MUD FLAPS

Mud flaps are installed behind the front and rear tires to within 3" of the road surface. Additional flaps/splash aprons are installed as necessary to protect bus equipment.

4.0-2 WHEELHOUSING

Fourteen gauge galvaneal steel. Housings are installed between the under-structure and the plywood subfloor and properly sealed.

4.5 BRAKE RETARDER

Telma Model AC5100, low amperage magnetic driveline retarder with the capacity to perform under a start and stop duty cycle. The brake pedal shall actuate the retarder.

4.6 ELECTRICAL REQUIREMENTS

4.6-1 WIRING

All general purpose wiring is cross-linked polyethylene insulated color, numbered and function coded for positive identification, and meets the requirements of SAE recommended practice J878a. Precautions have been taken to avoid damage from

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heat, water, solvents or chafing by proper routing, clamping, and the use of grommets or suitable elastomeric cushion materials. Harnesses are designed to resist abrasion by the use of Packard Electric flex-guard plastic loom. Harnesses are sectional terminating at insulated multi-pin quick disconnects or junction blocks. Each harness provides a minimum of one (1) spare conductor so marked. All wiring harnesses are function tested by a P.C. computer controlled, function tester, prior to installation.

Complete "as built" electrical wiring diagram shall be provided for each bus covering all electrical equipment and electrical circuits installed, complete with wiring codes for each vehicle.

Heavy-duty circuit board junction panel is provided inside the bus, accessible from the inside through the access cover under the curbside dash cowl. Board is equipped with heavy-duty 12-volt DC relays, and 12-volt DC auto-reset circuit breakers and blade type fuses. Panel is equipped with a complete circuit legend.

4.6-2 BATTERIES

Dual batteries a minimum of 1,400 cca shall be provided. Batteries shall be mounted on a stainless steel pullout tray with battery hold down secured by bolts. The battery compartment shall be totally enclosed and shall be vented.

4.6-A Battery cables shall be color-coded and sleeved with Packard Electric Flex-Guard Loom and supported with lined steel clamps on a maximum of 15" centers.

4.6-B Master Battery Disconnect Switch - Switch located at the battery and accessible through the access door.

4.6-3 ALTERNATOR

Dual 105 amp Delco alternators shall be provided.

4.6-4 HIGH IDLE

Intermotive electronically controlled high idle system shall be provided. The system shall automatically deactivate when vehicle is shifted into gear and when the vehicle brakes are applied.

4.6-5 EXTERIOR LIGHTING

All lights for taillights, brake light, turn signal, back up, collision avoidance lights, clearance marker lights and step lighting shall be L.E.D. Dialight brand.

4.6-5 INTERIOR LIGHTING

Ceiling cove located incandescent light fixtures, mounted as a minimum three (3) on each side, provide passenger compartment lighting. A single driver's light fixture is provided with a separate control.

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4.6-6 DRIVERS AREA

The driver's area consists of an ergonomically designed dash console complete with the following controls and instrumentation. The control panel provides labeled and illuminated system control switches when equipped, such as headlights, dome lights, air-conditioning, high idle, door control, etc. Instrument panel is equipped with speedometer, fuel, oil pressure, coolant temperature gauge and voltmeter. Telltale lights which indicate low oil pressure, coolant temperature, engine shut-down, park brake, high beam, air-conditioning inoperative, and differential brake pressure.

4.6-7 GROUNDS

A ground of the battery cable size shall be installed between the engine and chassis frame. The vehicle body shall be properly grounded to the chassis frame in at least two places. Lift pump motor shall be grounded directly to the chassis frame using a cable of the same size as the pump motor feed wire. All exterior lighting shall be grounded.

4.6-8 ENGINE GUARD

Electronically controlled engine shut-down system. System senses engine low oil pressure and high temperature. Driver's console equipped with an override switch.

4.7 BODY MODIFICATIONS

Multi-point rubber isolator mounted body to cab chassis. All structural fabrication uses 1010/1020 hot carbon hot rolled steel. The substructure is made up of a combination of seven (7) 2" x 3", 14 gauge tubular steel outriggers, 1 ¼" x 4 ¼", 11 gauge C-channel, 12 gauge "eldostrut" and 1 ½" x 1 ½" x 2", 14 gauge Z channel welded into a ladder type structure and bolted to the OEM chassis frame on rubber grommets.

5.0 STRUCTURE

The sidewalls, rear crown wall, roof, and front roof crown are interlocked by resin saturated fiberglass matting and wood members, forming a unibody design without exposed fasteners or protruding moldings. Body assembly meets or exceeds FMVSS 220 and FMVSS 221. (See Attached 220 Testing Under Section 12 of our proposal).

All Body Armor™ body panel assemblies consists of a matrix of fiberglass reinforced plastic with an inner thickness of resin-hardened honeycomb craft material. The order of matrix assembly is as follows: Exterior surface shall be a minimum .020" thickness of high-gloss gelcoat to prevent moisture penetration and corrosion. Secondary surface is a minimum 1/8" thickness of resin-hardened fiberglass reinforced plastic. The center composite layer consists of a 1" thickness of resin-hardened Vertical honeycomb, or approved equal, laid on edge to allow maximum column strength of each cell. Wall structure shall include a minimum of two (2) 3" wide longitudinal sections of 18 gauge flat steel extending from the forward body seam to the rearward body seam to provide an additional attachment point for the integrally welded sidewall seat rail.

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5.0-1 ROOF PANEL - Roof structure includes a minimum of 3 longitudinal, sections of 18 gauge flat steel extending from the forward body seam to the rearward body seam. All flat steel sections are fully integrated into the roof matrix and shall provide additional structural integrity and a secure attachment surface for ceiling panels, handrails and stanchion fixtures. Final surface of body structure is a minimum 3/32" thickness of resin-hardened fiberglass reinforced plastic. Window framing in sidewall shall be a heavy gauge steel ladder-type assembly. Window pillars are a minimum 1 1/2" x 1", 14 gauge dipped, zinc-plated tube. Top and lower horizontal ladder bridge rails are minimum 1" x 2" 12 gauge zinc-plated angle section. Attachment of ladder assembly to roof and lower wall section shall be grade 5 1/4" x 3/4" mechanical fasteners on not more than 8" center. In addition, interface of wall and roof to window ladder assembly surfaces shall include a high contact adhesive, Sikaflex 255 or approved equal to provide a 100% bonding and sealing at these locations.

5.0-2 STATIC ROLLOVER PROTECTION:

The bus shall meet the requirements of FMVSS 220. (See 220 Test Located in Section 12 of our proposal).

5.0-3 CORROSION PROTECTION

Structure is thoroughly cleaned and prime treated prior to applying exterior or interior panels.

6.0 INTERIOR BODY PANELS

The interior body panels below the windows shall be a smooth scuff resistant laminated melamine material light gray in color that is coordinated with the interior of the vehicle. Textured FRP standard sidewall panels installed from seat rail to the bottom of the windows. A one-piece front ceiling closure of fiberglass reinforced plastic (FRP). The panel allows accessibility for wiring harness connections, driver storage, destination sign in the front, and provides a bright, easy to maintain, entry way ceiling.

6.1 INSULATION

The vehicle body shall be fully insulated in the roof and body panels including front and rear cap to deaden sound and reduce vibration and heat transfer. Firewall and engine cover insulation shall be OEM.

6.2 SEATING

6.2-1 Passenger

All passenger seats shall be individual modules Freedman Feather Weight Mid/Hi one or two position bench type of not less than 17 inches in width. Seats shall be track mounted for easy removal, forward facing and have an individual cushion and equipped with folding molded U.S. Arms aisle armrests. All back cushions shall be contoured to provide full lumbar support. Seat material shall be compliant with Docket 90-A. The seat material shall have a moisture repellent treatment that prevents liquids from passing through material.

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6.2-1 A - Seating shall meet all applicable FMVSS requirements including FMVSS 207, 210 and 302 for all seats and seatbelts installed in the bus.

6.2-1 B - Cushion and seat cover shall be of the slipcover type, removable and replaceable without removing the entire seat.

6.2-1 C - Freedman USR under seat retractable passenger seat belts shall be provided for each seat. (2) belt extenders shall also be provided per vehicle.

6.2-1 D - All exposed metal surfaces shall be powder coated.

6.2-1 E - Seat spacing shall be a minimum of 27" hip to knee.

6.2-1 F - All seats except for the rear row shall have a molded energy absorbing grab handle at the top of each forward facing aisle seat. Aisle side seats shall have armrests.

6.2-1 G - Seating shall meet White Book testing.

6.2-1 H - A clear aisle of 16 inches shall be maintained for any seat or optional seat chosen. Mobility position shall not block the aisle or be directly in front of the mobility lift except for rear mobility lift positions. Random movement to any seat position for ambulatory passengers must be maintained.

6.2-1 I - Forward folding seats shall be Freedman Foldaway seats. Rear flip seats shall be Freedman Double Mid/Hi seats. Seating floorplans are in section 5 of our bid proposal.

6.2-1 J - FMVSS 207 and 210 test for all seats installed in the bus with the seatbelts attached to the seat frame are located in section 13 of our bid proposal.

6.2-1 K - Floorplans and seating arrangements are located in section 5 of our bid proposal.

6.2-1 L - One-piece filler shall be provided in track between each seat placement.

6.2-2 DRIVER SEAT

Drivers seat shall be an air suspension seat with seat fabric to match the passenger seating requirements. Seat shall be a Seats Inc. CL67 or equal.

6.5 WINDOWS

6.5 A – All passenger windows shall be OEM tinted to the darkest tint available and side windows shall be vented. All windows shall meet State and Federal safety regulations and meet the applicable provisions of FMVSS 217.

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6.5 B – The vehicle passenger windows shall be upper slider transit type windows. Windows shall provide a clear view to the outside of the bus on either side. Window sash shall be constructed of aluminum with a durable scratch resistant black finish. The windows or sash shall not rattle when in the open or closed position.

6.5 C – Side windows shall be securely mounted and be easily replaceable without disturbing adjacent windows. All side windows shall be mounted so that flexing or vibration is not apparent.

6.5 D – Emergency windows shall be installed on the passenger and curbside of the bus and rear window. Windows are to be equipped with quick release latches. Red illuminated lights shall be provided at all emergency exit windows and shall remain illuminated when the engine is running.

6.5 E – Side window glazing material shall have a 3/16" nominal thickness tempered safety glass.

6.5 F – Windows shall be supplied in the upper and lower portions of the passenger entry door and in the upper portion of the lift door, in-line with the passenger side windows.

6.5 G – Rear window shall be approximately 20" x 60", rear window shall also be designed as an emergency exit window. Rear exit window shall have an audible alarm at the driver's area when window starts to open and the key is on.

Emergency exists shall be marked with instructions for proper use.

Front windshield shall be chassis OEM.

7.0 FLOOR

7.0 A - Flooring will be 3/4", 7-ply exterior grade plywood. The flooring is pattern cut, edge sealed and fastened with 1/4" diameter counter-sunk Tek screws. Flooring understructure is completely undercoated and sealed.

Floor shall be standard height below wheelweels.

7.0 B – The floor surface shall be covered with wall to wall Altro Gray (Beta) Transflor Meta. All step edges shall have a band of bright yellow running the full width of each step. A standee line of bright yellow shall be in the aisle just behind the stepwell. The flooring shall be securely bonded to the sub-floor with a waterproof adhesive. All edges shall be sealed to prevent water penetration. The flooring shall extend up the side wall to the seat rail line and shall be covered to form a smooth water tight transition.

7.0 C – Drivers area shall be a heavy-duty transit rubber to match bus floor material.

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7.1 DOORS AND ENTRY STEPS

Two (2) panel door design providing a minimum of 32" x 80" clear opening. Door shall be located behind the driver and electrically operated. Perimeter door edges are sealed with neoprene bulb seals. Center of door assembly is equipped with overlapping neoprene 2" leading edge seals. Seals overlap front to rear to provide an air and water shade.

7.1-A N/A

7.1-B Upper and lower glazing shall be provided on each door to provide the driver with maximum curbside vision. Window(s) shall be in proportion with passenger side windows in size and placement.

7.1-C A cushioned door header pad shall be provided.

7.1-D An exterior door key switch shall be provided.

7.1-E Step assembly shall be cleaned, sealed, primed and undercoated.

7.1-F Steps shall be covered with flooring that is installed in the bus, including all risers and sides.

7.2 MODESTY PANELS

Modesty panels shall be securely attached to stanchion and body side. Modesty panels shall be constructed of a gray Formica laminate with plastic edge molding.

7.2-A Modesty panel shall be installed at the front of the first curbside row of seats behind the passenger entry door.

7.2-B When a front lift is specified, a modesty panel shall be installed directly behind the lift and in front of the first row of curbside seats.

7.2-C A modesty panel shall be installed behind the driver.

8.0 GRABRAILS

8.0-A An entrance grabrail shall be provided, it shall be properly located to allow the installation of a farebox and access of wheelchairs if applicable.

8.0-B Handrails shall be installed on both sides of the entry door. The handrails shall be for use of passengers standing at ground level to aid in boarding the bus as well as passengers deboarding the bus.

8.0-C Full length overhead grabrails shall be mounted on either side of the aisle.

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8.5 STANCHION

8.5-A Vertical stanchions shall be mounted between either the floor or the modesty panel, and either the ceiling or the grabrail. All stanchions and handrails shall be securely fastened into structural members at all mounting points.

- (1) At the right rear of the drivers seat
- (2) On modesty panels
- (3) At the inside rear corner of stepwell
- (4) Farebox stanchion

9.0 DRIVERS BARRIER

9.0-A Smoked Plexiglass 3/8" thick panel shall be provided behind the driver.

9.5 PAINT AND TRIM

The entire Aero Elite exterior body surface is high gloss, gelcoat, and bright white final finish.

10.0 PAINTING, DECALS AND MONOGRAMS

All signs required by State and Federal law shall be affixed to each vehicle exterior and interior.

11.0 UNDERCOATING

The entire underside of the body, including floor members, cab, chassis, side panels below floor level and fender wells shall be undercoated at the time of manufacture. Undercoating shall be a nonflammable resin type polyoleim or equivalent equal to Tectyl 121-B. All openings in the floorboards and firewall shall be sealed.

12.0 AIR CONDITIONING

Driver's area shall include the OEM heater/defroster and air conditioning system. Passenger air conditioning shall be a Carrier Model AC-1323 MAX system.

12.5 HEATER

Two (2) 35,000 BTU floor heaters shall be provided.

13.0 WHEELCHAIR LIFT AND DOORS

13.0-A Braun 917 IB or Braun Vista, Ricon S-2005 or Ricon K-2005 series mobility aid lift with bridging feature will be installed in either the front or rear of the bus per the purchaser's option. The lift shall incorporate a positive locking mechanism to prevent drifting from the stowed position. Lift shall meet requirements of FMVSS 403/404.

13.0-B The wheelchair lift shall be installed in accordance with the lift manufacturer's recommendations and requirements.

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13.0-C The wheelchair lift system shall have one control station capable of controlling all lift functions. The control switches on the lift control station shall have clear, legible, permanently attached labels identifying their function. The control station shall be conveniently mounted to the entry door with stainless steel bracket and within easy reach of wheelchair lift operator.

13.0-D The lift electrical system shall be protected by a heavy-duty circuit breaker installed per manufacturers instructions with master control switch located near the driver and clearly labeled with indicator light.

13.0-E A lift pad cover shall be provided for platform mobility aid lifts.

13.0-F All attachments of the lift assembly to the vehicle shall be done through structural support members.

13.0-G Lift access door is a two (2) panel, swing out type, manually operated, providing a clear opening of 42" x 68" to safely operate the wheelchair lift. Door location is available rear of the entry door or in the rear overhang of the bus. Perimeter door edges are sealed with inter/outer double lip neoprene seals. Center mating door edges are equipped with overlapping bulb seals. Door location shall be at buyers option, either at rear of vehicle or behind passenger entry doors.

13.0-H Hinges and Locks - Each lift door panels is high with exterior mounted, 3/16" diameter pin, stainless steel piano hinge. Each panel is separately locked top and bottom rod type pins controlled with flush-mounted handles.

13.0-I A positive factory installed gas shock to assist in maintaining opened or closed position of each lift door shall be installed.

13.0-J An automatic curb illumination lamp(s) shall be located inside the lift doorway and other passenger loading areas.

13.4 ENTRANCE STEPWELL LIFT

A Braun UVL855SM series or Ricon Mirage shall be installed in the stepwell. Pricing is shown on it's separate line item. See attached floorplans in section 5 our our proposal.

13.5 CONTROL INTERLOCK

An interlock meeting ADA Title 49 Lift Interlock requirements and FMVSS 403/404 shall be installed in the bus.

14.0 WHEELCHAIR SECURITY AND OCCUPANT RESTRAINT SYSTEMS

14.0-A Each vehicle shall be equipped with two forward facing wheelchair securement and occupant restraint systems.

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14.0-B Wheelchair securement and occupant restraint systems including all attachment hardware and anchorages, shall meet or exceed the following requirements:

- (1) 30-mph/20 G Impact Test criteria per SAE J2249
- (2) 36 CFR Part 1192 and 49 CFR Part 38 and 571 (ADA)
- (3) All applicable FMVSS
- (4) California Title 13

14.0-C Securement system provided shall be a Q'Straint QRT 8300 MAX system.

14.0-D The securement system shall be mounted in recessed "L" track with end caps on track that does not extend to sidewalls. "L" track shall be the same as the manufacturer of the securement system.

14.0-E A Tie Tech web cutter shall be provided.

14.0-F One torso pad approximately 8" x 12 with a thickness of approximately 1" and belt shall be provided.

14.0-G A securement system storage shall be supplied for each position.

14.5 SAFETY EQUIPMENT

- (A) One 5lb. BC fire extinguisher shall be provided.
- (B) A 16-Unit First Aid Kit shall be provided.
- (C) An Emergency Triangle Warning kit shall be provided.
- (D) Two front and two rear tow hooks shall be provided.

15.0 ROOF HATCH

Two (2) Transpec Model #1000 roof escape/ventilation hatches shall be provided.

16.0 PUBLICATIONS AND PRINTED MATERIALS

Each vehicle shall have a complete set of operation, quality assurance and warranty publications provided.

- (A) Operation Manual
- (B) Complete schematic diagram of hydraulic lines, air lines and circuits.
- (C) Warranty Information.

17.0 PASSENGER SIGNAL SYSTEM PULL CORD

A passenger signal system with pull cords and chime shall be provided.

17.5 PASSENGER STOP REQUEST SIGN

A "STOP REQUEST" Sign shall be provided.

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18.0 FRONT AND SIDE DESTINATION SIGNS

Electric roller curtain signs shall be provided, one in the front cap and one located in the curbside window.

19.0 LICENSE PLATES

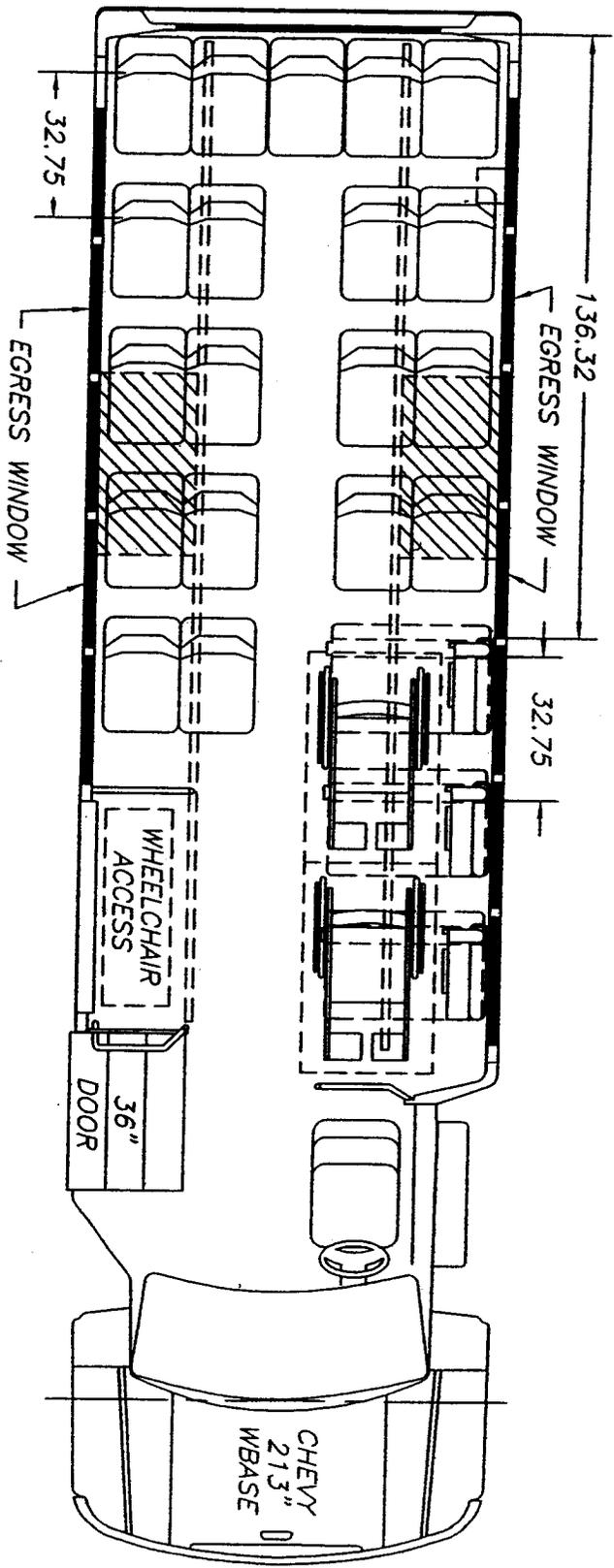
License plate holders shall be provided for the front and rear of the bus.

20.0 TESTING

(A) Each vehicle and all working and moving parts and operating devices shall be thoroughly tested by the manufacturer.

(B) Roofs, windows, windshields and all doors shall be water tested.

(C) Water test shall be for a minimum of five (5) minutes.

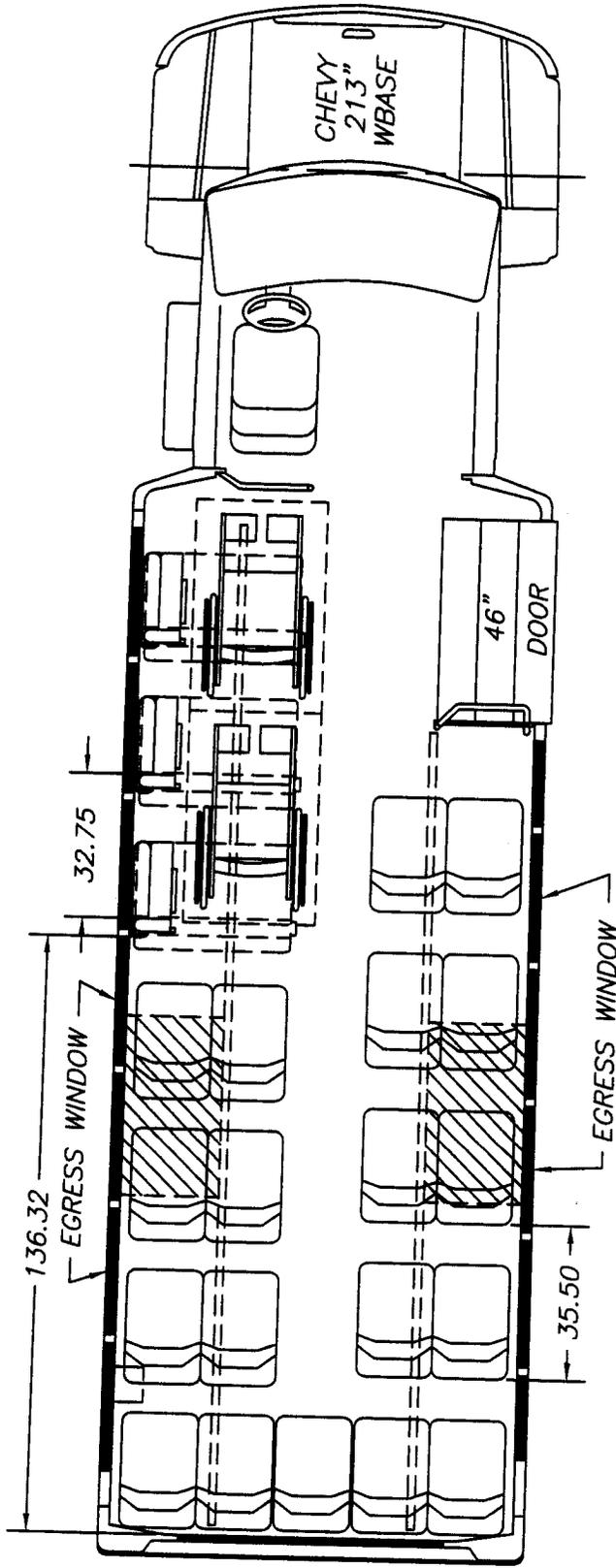


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								DESCRIPTION	

Eldorado National
 — a THOR company —
 1655 WALL STREET
 SALINA, KS. 67401

TITLE:
 AERO ELITE CHEVY 290
 36" ENTRY DOOR / WC DOOR (FRONT)
 MATERIAL SPEC:

PART NUMBER
 AEC2908 —
 PAGE 1 of 1



Eldorado National
 — a THOR company —
 1655 WALL STREET
 SALINA, KS. 67401

TITLE:
 AERO ELITE CHEVY 290
 46" ENTRY DOOR / CASSETTE LIFT

MATERIAL SPEC:

PART NUMBER
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PAGE
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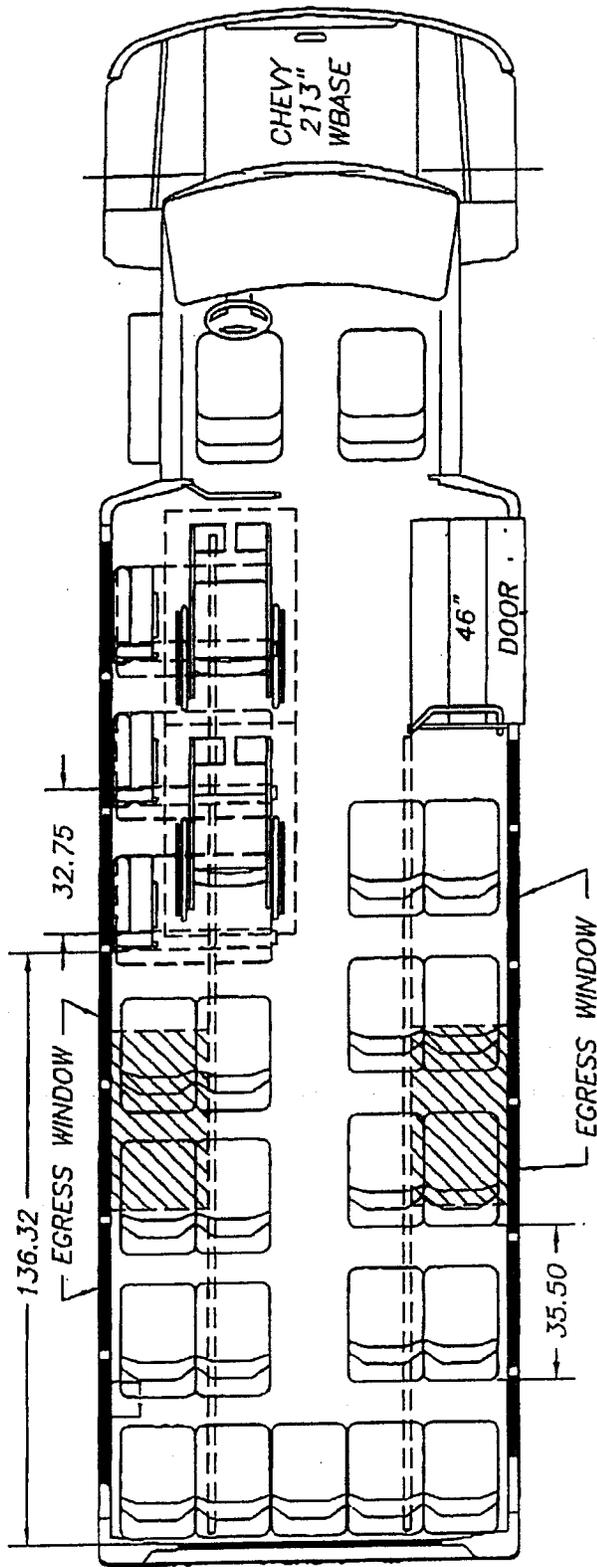
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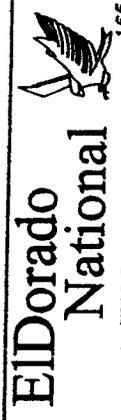
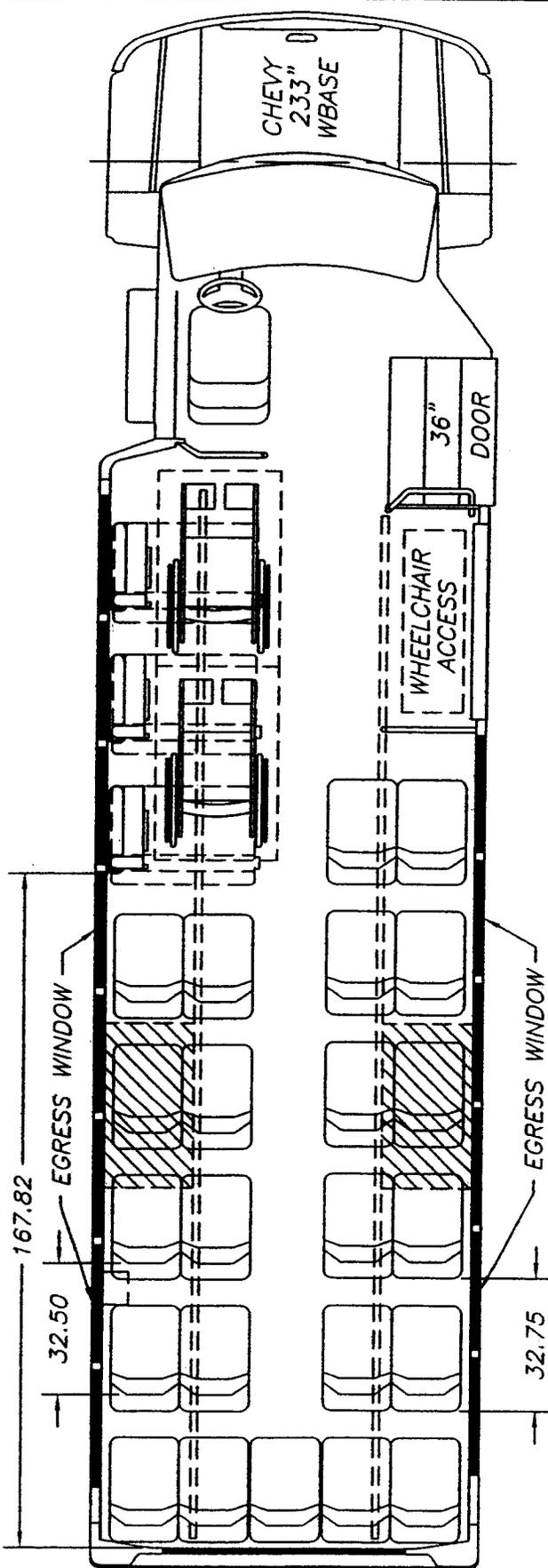


Eldorado National
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 1655 WALL STREET
 SALINA, KS. 67401

TITLE:
 AERO ELITE CHEVY 290
 46" ENTRY DOOR / TPL LIFT
 MATERIAL SPEC:
 PART NUMBER
 AEC2919—
 PAGE
 1 OF 1

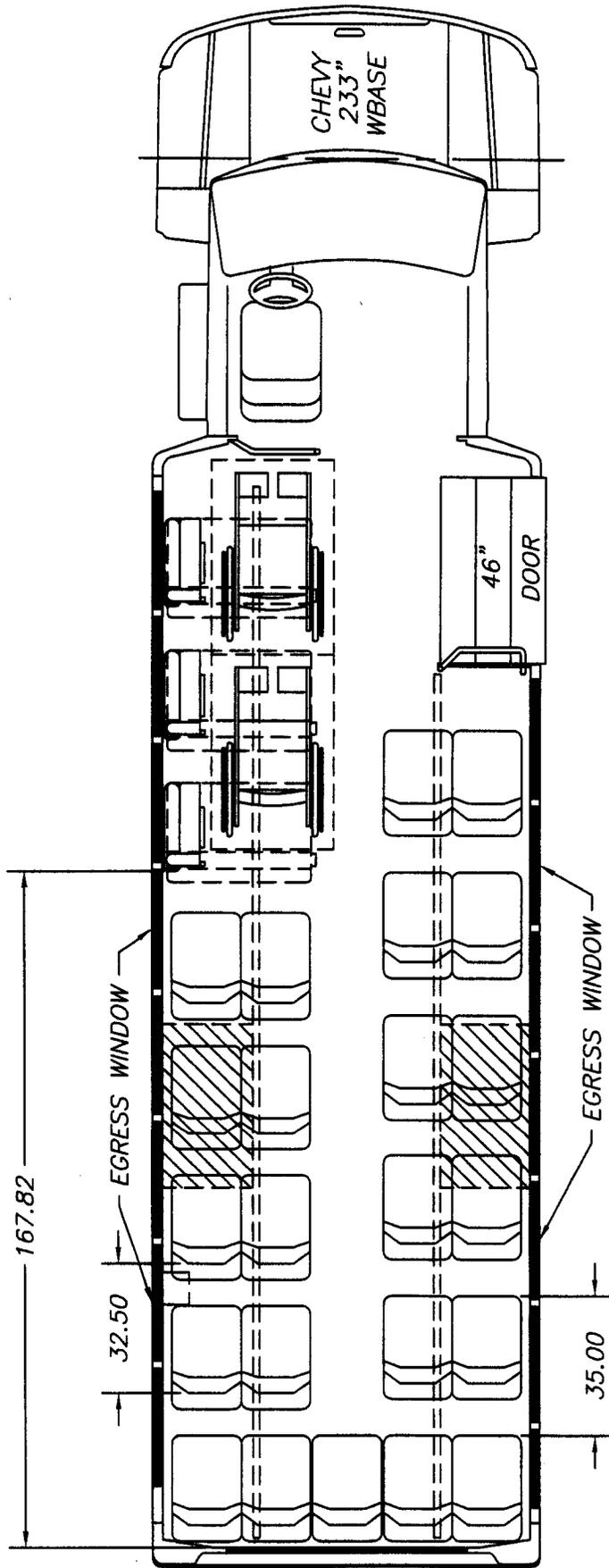
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 DECIMALS .00 ± .06
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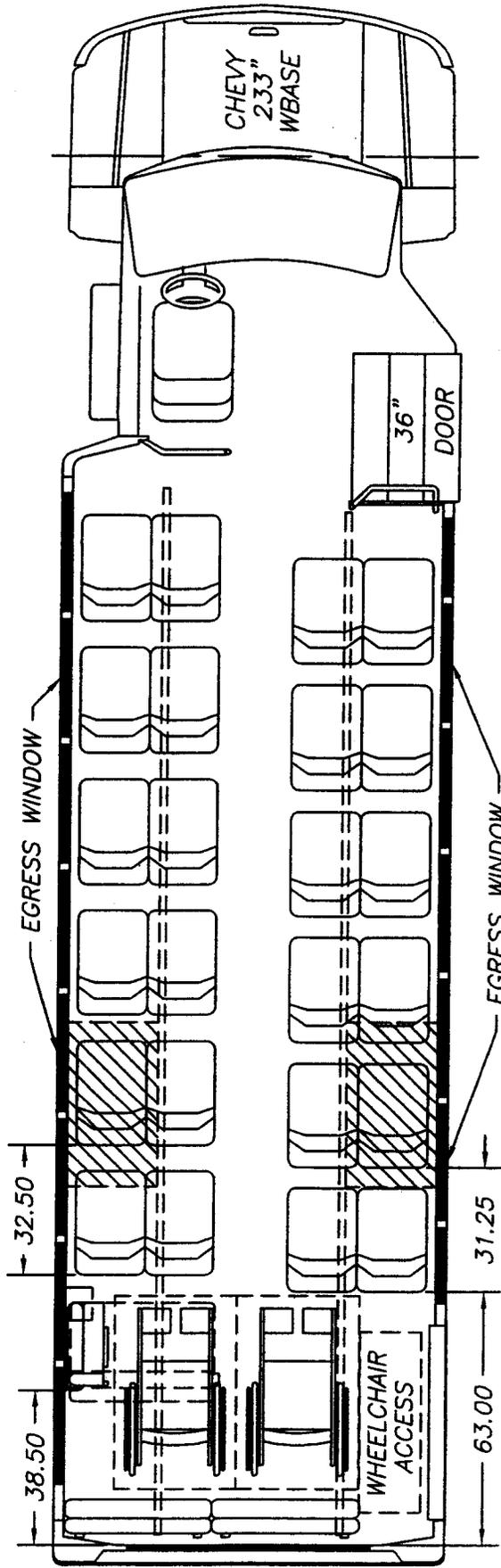
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RELEASE #	1 of 1	
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		DESCRIPTION
DRAWING INFORMATION		
DRAWING QUILLAN CKD:		
SIZE: A		
WGT:		
SCALE: 1/42		
TOLERANCE UNLESS SPECIFIED		
FRACTIONS ± 1/16		
DECIMALS .00 ± .06		
ANGLES + 1 DEG.		
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NOTE:
CONCEPTUAL ONLY THIS LIFT HAS
NOT BEEN DEVELOPED ON THE AEC

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TITLE:		AERO ELITE CHEVY 320
DO NOT SCALE DRAWING		46" ENTRY DOOR / CASSETTE LIFT
MARK PART NUMBER AND REVISION ON ALL PARTS		MATERIAL SPEC:
SUPERCEDES: NONE		
DRAWING INFORMATION		
DRAWN: McQUILLAN	CKD:	
DATE:	SCALE: 1/42	
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DECIMALS .00 ± .06		
ANGLES + 1 DEG.		
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DESCRIPTION					
PART NUMBER		PAGE			
AEC3219		1 of 1			



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— a THOR company — 1655 WALL STREET SALINA, KS. 67401

TITLE: AERO ELITE CHEVY 320
36" ENTRY DOOR / WC DOOR (REAR)

MATERIAL SPEC:

PART NUMBER: AEC3211-
PAGE: 1 of 1

REV.	BY	DATE	DESCRIPTION	RELEASE #
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STURAA TEST

10 YEAR

350,000 MILE BUS

from

ELDORADO NATIONAL

MODEL 30' MST II CNG

APRIL 2001

PTI-BT-R2020-07-01

PENNSSTATE



The Pennsylvania Transportation Institute

201 Research Office Building (814) 865-1891
The Pennsylvania State University
University Park, PA 16802

Bus Testing and Research Center

6th Avenue and 45th Street (814) 949-7944
Altoona, PA 16602

EIDorado National



Orion Registrar, Inc. USA Certificate of Registration

is to certify the Quality Management System of:

**EIDorado National - California, Inc.
13900 Sycamore Way
Chino, California 91710**

*Has been assessed by Orion Registrar and found to be in
compliance with the following Quality Standard:*

ISO 9001:2000

The Quality Management System is applicable to:

Design and Manufacture of Commercial Buses

The Registration period is from December 4, 2002 to December 3, 2003

*This registration is subject to the company maintaining its system
to the required standard which will be monitored by Orion.*

Certificate Identification Number 098 - 99 - 02

ETAG / SPC / CAQS Code: 22 / 3713 / 336112



Paul M. Smith

President

1/24/2003

Date



EIDorado National

MST-II TRANSIT/PARATRANSIT BUS DETAILED TECHNICAL SPECIFICATIONS 10-Year/350,000 Mile Altoona Tested Bus

The MST-II is an aesthetically designed lightweight, medium to heavy-duty front engine transit/paratransit bus conforming to ADA Regulations. The MST-II is designed and manufactured to save weight while maintaining high strength through the use of body materials integration in fabrication.

The MST-II is a medium to heavy duty, forward control bus designed for the operators unique needs, with a high degree of maneuverability, reliability, and passenger appeal. The MST-II detailed technical specifications are intended to provide a description of components, systems and features.

MST-II PRINCIPAL DIMENSIONS	28 Foot	30 Foot
LENGTH, OVERALL BUMPERS	28' 1-1/2"	30'-4 3/4"
WIDTH, OVERALL BODY	96"	96"
HEIGHT, OVERALL (@ GVWR) APPROX	131.50"	131.50"
WHEELBASE	208"	208"
OVERHANG, FRONT	42.50"	42.50"
OVERHANG, REAR	87.00"	114.25"
WIDTH, FRONT TRACK	83.08"	83.08"
WIDTH, REAR TRACK	72.38	72.38
HEIGHT, FLOOR (@ GVWR) APPROX	38"	38"
HEIGHT, FIRST STEP (@ GVWR) APPROX	12.5"	12.5
HEIGHT, RISER TO HEIGHT	10"	10"
TREAD DEPTH	9"	9"
HEIGHT, INTERIOR	80"	80"
WIDTH, INTERIOR	91.5"	91.5"
WIDTH, AISLE	16"	16"
WIDTH, FRONT DOOR (CLEAR) APPROXIMATE	35" – 41"	35" – 41"
HEIGHT, DOORS (CLEAR)	94.25"	94.25"
GVWR	25,500#	25,500#
GAWR, FRONT	8,000#	8,000#
GAWR, REAR	17,500#	17,500#
TURNING RADIUS (OUTSIDE BODY CORNER)	36'	36'
APPROACH ANGLE	18 Degrees	18 Degrees
BRAKING ANGLE	12 Degrees	13 Degrees
DEPARTURE ANGLE	9 Degrees	9 Degrees

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3.0 SPECIFICATIONS

The EIDorado National MST-II buses utilize the rugged Freightliner Custom Built transit designed, MB-55 bus chassis. This chassis is a front engine forward control design and includes the following components, systems, features, and options as specified:

3.1 BASIC VEHICLE

3.1-1 CHASSIS FRAME ASSEMBLY

The frame assembly is fabricated using high yield strength formed steel rails with reinforced gusseted formed steel crossmembers at all load-bearing locations. Frame Rails - 9.125" x 2.81" x .3125" thick, 50,000 psi, strength structural steel channel. Crossmembers - .3125" thick, 50,000 psi yield strength formed steel hat sections and channels of various sizes fastened to the main rails with hot rivet fasteners.

WEIGHT CALCULATIONS - See section 8 of our proposal.

CNG TANK DRAWINGS - See section 9 of proposal.

3.1-2 CUMMINS CNG FUELED ENGINE

Front mounted in-line Cummins Engine Company B5.9+, 5.9 liter turbo charged aftercooled in-line 6-cylinder gaseous fuel engine. This engine has been developed as a dedicated natural gas engine based on Cummins diesel engine technology. Premium internal components such as hardened crankshaft, stellite faced valves, stellite valve seats, high compression pistons, and gaseous fuel compatible piston rings are standard equipment.

3.1-3 FRONT SUSPENSION

Designed to provide maximum stability, axle alignment, and driver comfort. Seven (7) multi-leaf springs designed for smooth quiet ride and maximum front-end stability, and a capacity of 8,000 lbs.

REAR SUSPENSION

Air ride suspension providing the passengers the ultimate in ride quality, safety and roll stability. The suspension is a Freightliner produced - Airliner 15K with 15,000 lbs. capacity, controlled constant height air spring suspension.

3.1-4 Shock absorbers as supplied by OEM, control jounce and rebound while roll stability is controlled by 1.50" diameter stabilizer bar.

3.1-5 Steering shall be full integral hydraulic powered designed for the riggers of transit with a 9,000 lbs. rating. Gear - TRW TAS-55 hydraulic gear with 20.4:1 ratio. Pump - TRW Corporation gear driven vane pump, 4.23 g.p.m. @2320 psi with remote mounted two (2) quart capacity reservoir. Driver's steering column is provided with a Douglas brand, 6-way lever controlled tilt and telescopic adjustment

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and a padded 18" diameter steering wheel. Cruise Control - Electronically controlled and operated cruise control.

3.1-6 Fuel System shall be a minimum of 7400 scf and meet applicable CARB standards, see section 9 of our proposal for tank layout drawings.

3.1-7 Protective metal guards for the driveline shaft shall be provided to prevent a broken shaft from touching the ground and preventing the shaft from contacting the floor of the bus.

3.2 TRANSMISSION

Allison 2400 Series five (5) speed electronically controlled automatic transmission with the capacity to perform under a start and stop duty cycle.

3.21 HUBODOMETER

Hubodometer is mounted on the rear curbside hub to record accumulated bus mileage.

3.3 INSTRUMENT PANEL

The driver's area consists of an ergonomically designed dash console complete with the following controls and instrumentation. The control panel provides labeled and illuminated system control switches when equipped, such as headlights, dome lights, air-conditioning, high idle, door control, etc. Instrument panel is equipped with speedometer, fuel, oil pressure, coolant temperature gauge and voltmeter. Telltale lights which indicate low oil pressure, coolant temperature, engine shut-down, park brake, high beam, air-conditioning inoperative, and differential brake pressure. A separate driver's area heater and air-conditioning control panel is also provided. Transmission temperature gauge and engine hour meter.

3.4 BACK-UP WARNING DEVICE

Waterproof 12 volt DC, ECCO #530. Alarm is controlled by the transmission reverse switch.

3.5 REAR OBSTACLE DETECTION

Intermotive, Hawkeye Reverse Assistance System, or equal, rear obstacle detection system mounted on the rear of the vehicle.

3.6 TWO-WAY RADIO/PA AND ANTENNA PRE-WIRE

AM/FM/CD radio with public address amplifier and hand held microphone. Four (4) speakers are mounted, two (2) front and two (2) rear, in the face of the ceiling cove. A waterproof exterior speaker shall be installed to be used when boarding passengers. Power switch for the PA system shall be mounted on the dash to provide operation for the inside, outside and amplifier off. Radio compartment box with 12-volt DC supply and ground hardness and antenna cable conduit is installed.

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3.7 MIRRORS

Fully adjustable curbside and streetside mirrors. Mirrors shall be designed to prevent vibration and loss of adjustment without losing folding feature.

3.7-1 CURBSIDE

Mirrors shall be B&R Manufacturing Model #S1121, mirrors shall be constructed of high impact ABS housing with a black finish. Mirrors shall be remote control, heated with an LED turn signal visible from the rear of the vehicle.

3.7-2 ROADSIDE

Mirrors shall be B&R Manufacturing Model #S1121, mirrors shall be constructed of high impact ABS housing with a black finish. Mirrors shall be remote control, heated with an LED turn signal visible from the rear of the vehicle.

3.7-3 PASSENGER

For driver's viewing of the passenger compartment, a fully adjustable BDS convex mirror that is 6" x 9" (A5007) rearview mirror is mounted in easy reach.

3.75 SUN VISOR

Front windshield and side window visors shall be supplied.

3.8 BUMPERS

Front bumper shall be a painted steel construction. Rear bumper shall be reinforced Romeo Rim HELP "S" energy absorbing type or equivalent. Bumpers are attached to the chassis frame with ½" diameter Grade 8 bolts.

3.9 EXHAUST

High capacity aluminized steel exhaust pipe and muffler, properly installed with heat shields, baffles and vibration mounts. Tailpipe is so designed to direct exhaust toward the ground at the rearmost roadside corner of the bus body.

4.0 TIRES

Wheels and tires are interchangeable front and rear, tubeless type. Wheels - Steel disc, hub pilot type wheels, 19.5" x 6.75", single front and dual rear with 8-bolt circle. Tires - Michelin highway radials, model XZE, size 245/70R19.5, 14 ply, single front and dual rear. Valve extensions shall be used on all wheels with elbow extensions on the inside rear dual wheels. A spare tire and wheel shall be loaded loose in the vehicle.

4.0-1 MUD FLAPS

Applied extruded vinyl forming a smooth contoured wheel opening. Fender trim is black in color providing aesthetic contrast for paint design. Mud flaps are installed behind the rear tires to within 3" on the road surface. Mud flaps are installed behind the front and rear tires to within 3" of the road surface. Additional flaps/splash aprons are installed as necessary to protect bus equipment.

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4.0-2 WHEELHOUSING

Fourteen gauge galvaneal steel. Housings are installed between the under-structure and the plywood subfloor and properly sealed.

4.5 BRAKE RETARDER

Telma Model AC5100, low amperage magnetic driveline retarder with the capacity to perform under a start and stop duty cycle. The brake pedal shall actuate the retarder.

4.6 ELECTRICAL REQUIREMENTS

4.6-1 WIRING

All general purpose wiring is crosslinked polyethylene insulated color and number coded for positive identification, and meets the requirements of SAE recommended practice J878a, Type SXL. Precautions have been taken to avoid damage from heat, water, solvents or chafing by proper routing, clamping and the use of grommets or suitable elastomeric cushion materials. Harnesses are designed to resist abrasion by the use of machine mesh woven plastic loom. Harnesses are sectional, terminating at insulated multi-pin quick disconnects or junction blocks. Each harness provides a minimum of one (1) spare conductor so marked. Complete "as built" electrical wiring diagram is provided for each bus.

Heavy-duty circuit junction panel is provided inside the bus accessible from the outside through the access door under the driver's window.

Electrical system shall be I/O Controls Dinex G2A Multiplex System

4.6-2 BATTERIES

Dual 8-D Batteries shall be provided. Batteries shall be mounted on a stainless steel pullout tray with battery hold down secured by bolts. The battery compartment shall be totally enclosed and shall be vented.

4.6-A Battery cables shall be color-coded and sleeved with Packard Electric Flex-Guard Loom and supported with lined steel clamps on a maximum of 15" centers.

4.6-B Master Battery Disconnect Switch - Switch located at the battery and accessible through the access door.

4.6-3 ALTERNATOR

Serpentine belt driven, 200 amp, high output, low cut-in type, Leece Neville alternator.

4.6-4 HIGH IDLE

OEM Electronically controlled high idle system. System is activated when transmission is in neutral, air-conditioning is operating and driver switch is on and brake is set. Engine idle will increase to 1,100 RPM.

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4.6-5 EXTERIOR LIGHTING

All lights for taillights, brake light, turn signal, back up, collision avoidance lights, clearance marker lights and step lighting shall be L.E.D. Dialight brand.

4.6-5 INTERIOR LIGHTING

Ceiling cove located incandescent light fixtures, mounted on each side, provide passenger compartment lighting. A single driver's light fixture is provided with separate controls.

4.6-6 DRIVERS AREA

The driver's area consists of an ergonomically designed dash console complete with the following controls and instrumentation. The control panel provides labeled and illuminated system control switches when equipped, such as headlights, dome lights, air-conditioning, high idle, door control, etc. Instrument panel is equipped with speedometer, fuel, oil pressure, coolant temperature gauge and voltmeter. Telltale lights which indicate low oil pressure, coolant temperature, engine shut-down, park brake, high beam, air-conditioning inoperative, and differential brake pressure. A separate driver's area heater and air-conditioning control panel is also provided.

4.6-7 GROUNDS

A ground of the battery cable size shall be installed between the engine and chassis frame. The vehicle body shall be properly grounded to the chassis frame in at least two places. Lift pump motor shall be grounded directly to the chassis frame using a cable of the same size as the pump motor feed wire. All exterior lighting shall be grounded.

4.6-8 ENGINE GUARD

Electronically controlled engine shut-down system. The system senses engine low oil pressure and high temperature. Driver's console is equipped with an override switch.

4.7 BODY MODIFICATIONS

Various light weight, durable materials are used to provide the smooth and durable appearance. These panels are installed using methods which allow for a smooth surface with minimum exposed fasteners.

Sidewalls - Roller leveled 5052, .080 aluminum continuous panels. Panels are cleaned and applied to the side framing with double faced tape, rivets and moldings.

Front and Rear Crowns - Contoured and aesthetically molded, reinforced fiberglass. Sections are installed with structure caulking, rivets and moldings.

Skirt Panels - Contoured and molded, reinforced fiberglass. Panels are installed in multiple pieces on both sides.

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Sealing - All panels are caulked with paintable sealants prior to prime treatment. Underfloor skirt panels are undercoated and sealed.

5.0 STRUCTURE

5.0-1 ROOF PANEL - Roller leveled 5052, .063 aluminum. Installed with structural caulking, double faced tape, rivets and moldings.

5.0-2 STATIC ROLLOVER PROTECTION:

Materials integrated body is structurally fabricated using 1010/1020 low carbon steel rectangular tubing. The body frame structure as presented meets or exceeds the roll over requirements of FMVSS 220.

5.0-3 CORROSION PROTECTION

Structure is thoroughly cleaned and prime treated prior to applying exterior or interior panels.

6.0 INTERIOR BODY PANELS

The interior body panels shall be a smooth scuff resistant laminated melamine material light gray in color that is coordinated with the interior of the vehicle.

6.1 INSULATION

The vehicle body shall be fully insulated in the roof and body panels including front and rear cap to deaden sound and reduce vibration and heat transfer.

Firewall - Front engine firewall is fabricated of 11 gauge cold rolled steel panel to provide a fire resistant barrier. The interior surface of the firewall panel is covered with a 1/4" thick Barryfoil sound barrier mat. This mat has a non-skid black finished surface. Engine cover is lined with a one inch (1") thick Barryfoil sound and thermo blanket. The engine side of the blanket is covered with a heat bonded mylar foil which provides a heat and sound reflective surface and a moisture barrier.

6.2 SEATING

6.2-1 Passenger

All passenger seats shall be individual modules Freedman Feather Weight Mid/Hi one or two position bench type of not less than 17 inches in width. Seats shall be track mounted for easy removal, forward facing and have an individual cushion and equipped with folding molded U.S. Arms aisle armrests. All back cushions shall be contoured to provide full lumbar support. Seat material shall be compliant with Docket 90-A. The seat material shall have a moisture repellant treatment that prevents liquids from passing through material.

6.2-1 A - Seating shall meet all applicable FMVSS requirements including FMVSS 207, 210 and 302 for all seats and seatbelts installed in the bus.

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6.2-1 B - Cushion and seat cover shall be of the slipcover type, removable and replaceable without removing the entire seat.

6.2-1 C - Freedman USR under seat retractable passenger seat belts shall be provided for each seat. (2) belt extenders shall also be provided per vehicle.

6.2-1 D - All exposed metal surfaces shall be powder coated.

6.2-1 E - Seat spacing shall be a minimum of 27" hip to knee.

6.2-1 F - All seats except for the rear row shall have a molded energy absorbing grab handle at the top of each forward facing aisle seat. Aisle side seats shall have armrests.

6.2-1 G - Seating shall meet White Book testing.

6.2-1 H - A clear aisle of 16 inches shall be maintained for any seat or optional seat chosen. Mobility position shall not block the aisle or be directly in front of the mobility lift except for rear mobility lift positions. Random movement to any seat position for ambulatory passengers must be maintained.

6.2-1 I - Forward folding seats shall be Freedman Foldaway seats. Rear flip seats shall be Freedman Double Mid/Hi seats. Seating floorplans are in section 8 of our bid proposal.

6.2-1 J - FMVSS 207 and 210 test for all seats installed in the bus with the seatbelts attached to the seat frame are located in section 13 of our bid proposal.

6.2-1 K - Floorplans and seating arrangements are located in section 8 of the bid proposal.

6.2-1 L - One-piece filler shall be provided in track between each seat placement.

6.2-2 DRIVER SEAT

Drivers seat shall be Recaro Ergo Metro air suspension with seat fabric to match passenger seating requirements.

6.5 WINDOWS

6.5 A – All passenger windows shall be OEM tinted to the darkest tint available and side windows shall be vented. All windows shall meet State and Federal safety regulations and meet the applicable provisions of FMVSS 217.

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6.5 B – The vehicle passenger windows shall be upper slider transit type windows. Windows shall provide a clear view to the outside of the bus on either side. Window sash shall be constructed of aluminum with a durable scratch resistant black finish. The windows or sash shall not rattle when in the open or closed position.

6.5 C – Side windows shall be securely mounted and be easily replaceable without disturbing adjacent windows. All side windows shall be mounted so that flexing or vibration is not apparent.

6.5 D – Emergency windows shall be installed on the passenger and curbside of the bus and rear window. Windows are to be equipped with quick release latches. Red illuminated lights shall be provided at all emergency exit windows and shall remain illuminated when the engine is running.

6.5 E – Side window glazing material shall have a ¼" nominal thickness tempered safety glass.

6.5 F – Windows shall be supplied in the upper and lower portions of the passenger entry door and in the upper portion of the lift door, in-line with the passenger side windows.

6.5 G – Rear window shall be approximately 20" x 60", rear window shall also be designed as an emergency exit window. Rear exit window shall have an audible alarm at the driver's area when window starts to open and the key is on.

Emergency exists shall be marked with instructions for proper use.

Front contoured two (2) piece 1/4" thick 73% single density laminated safety float glass. Windshields are glazed with two (2) piece black ozone treated extruded lock and key rubber. Driver's side window shall be black painted, extruded aluminum sash with a lower section of single slider design. Window shall be glazed with 7/32" thick, 73% single density, laminated safety glass and include a minimum 4" tint at the top.

7.0 FLOOR

7.0 A - Exterior 3/4", 7-ply, APA certified exterior grade plywood. Subfloor is pattern cut, edge sealed and undercoated prior to installation with sealant caulking and fastened with 1/4" diameter counter sunk Tek screws. Subfloor understructure is completely undercoated and sealed.

7.0 B – The floor surface shall be covered with wall to wall Altro Gray (Beta) Transflor Meta. All step edges shall have a band of bright yellow running the full width of each step. A standee line of bright yellow shall be in the aisle just behind the stepwell. The flooring shall be securely bonded to the sub-floor with a waterproof adhesive. All edges shall be sealed to prevent water penetration. The flooring shall

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extend up the side wall to the seat rail line and shall be coved to form a smooth water tight transition.

7.0 C – Drivers area shall be a heavy-duty transit rubber to match bus floor material.

7.1 DOORS AND ENTRY STEPS

Two (2) panel door design providing a minimum of 32" x 80" clear opening. Door shall be located behind the driver and be air assist powered by a Vapor Door actuator.

7.1-A Door shall be equipped with sensitive door edges.

7.1-B Upper and lower glazing shall be provided on each door to provide the driver with maximum curbside vision. Window(s) shall be in proportion with passenger side windows in size and placement.

7.1-C A cushioned door header pad shall be provided.

7.1-D An exterior door key switch shall be provided.

7.1-E Step assembly shall be cleaned, sealed, primed and undercoated.

7.1-F Steps shall be covered with flooring that is installed in the bus, including all risers and sides.

7.2 MODESTY PANELS

Modesty panels shall be securely attached to stanchion and body side. Modesty panels shall be constructed of a gray Formica laminate with plastic edge molding.

7.2-A Modesty panel shall be installed at the front of the first curbside row of seats behind the passenger entry door.

7.2-B When a front lift is specified, a modesty panel shall be installed directly behind the lift and in front of the first row of curbside seats.

7.2-C A modesty panel shall be installed behind the driver.

8.0 GRABRAILS

8.0-A An entrance grabrail shall be provided, it shall be properly located to allow the installation of a farebox and access of wheelchairs if applicable.

8.0-B Handrails shall be installed on both sides of the entry door. The handrails shall be for use of passengers standing at ground level to aid in boarding the bus as well as passengers deboarding the bus.

8.0-C Full length overhead grabrails shall be mounted on either side of the aisle.

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8.5 STANCHION

8.5-A Vertical stanchions shall be mounted between either the floor or the modesty panel, and either the ceiling or the grabrail. All stanchions and handrails shall be securely fastened into structural members at all mounting points.

- (1) At the right rear of the drivers seat
- (2) On modesty panels
- (3) At the inside rear corner of stepwell
- (4) Farebox stanchion

9.0 DRIVERS BARRIER

9.0-A Smoked Plexiglass 3/8" thick panel shall be provided behind the driver.

9.5 PAINT AND TRIM

The entire exterior body surface is completely sealed, cleaned, sanded and primed before final finish. The final finish surface is low V.O.C. acrylic enamel high solids paint meeting all State and Federal Health and Safety Regulations per customer's paint scheme.

The entire bus shall be painted a full body white paint.

10.0 PAINTING, DECALS AND MONOGRAMS

All signs required by State and Federal law shall be affixed to each vehicle exterior and interior.

11.0 UNDERCOATING

The entire underside of the body, including floor members, cab, chassis, side panels below floor level and fender wells shall be undercoated at the time of manufacture. Undercoating shall be a nonflammable resin type polyoleim or equivalent equal to Tectyl 121-B. All openings in the floorboards and firewall shall be sealed.

12.0 AIR CONDITIONING

Driver's area is heated and/or cooled by a forced air heater/defroster and optional air-conditioning system. Air Conditioning - Provides 24,500 BTU with 575 CFM. Both heat and cool is controlled by electric over vacuum dash mounted controls. The system has 4-speed fans with fresh air mode. Heater and Defroster - Provides 60,000 BTU with 575 CFM air flow. Windshield air flow is through molded dash air ducts providing constant even air diffusion.

Passenger air conditioning shall be a low profile roof mounted evaporator and condenser, Thermo King MRT ducted system.

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12.5 HEATER

A heat strip equivalent to 70,000 BTU's shall be provided with the Thermo King MRT system.

13.0 WHEELCHAIR LIFT AND DOORS

13.0-A Braun 917 IB or Braun Vista, Ricon S-2005 or Ricon K-2005 series mobility aid lift with bridging feature will be installed in either the front or rear of the bus per the purchaser's option. The lift shall incorporate a positive locking mechanism to prevent drifting from the stowed position. Lift shall meet requirements of FMVSS 403/404.

13.0-B The wheelchair lift shall be installed in accordance with the lift manufacturer's recommendations and requirements.

13.0-C The wheelchair lift system shall have one control station capable of controlling all lift functions. The control switches on the lift control station shall have clear, legible, permanently attached labels identifying their function. The control station shall be conveniently mounted to the entry door with stainless steel bracket and within easy reach of wheelchair lift operator.

13.0-D The lift electrical system shall be protected by a heavy-duty circuit breaker installed per manufacturers instructions with master control switch located near the driver and clearly labeled with indicator light.

13.0-E A lift pad cover shall be provided for platform mobility aid lifts.

13.0-F All attachments of the lift assembly to the vehicle shall be done through structural support members.

13.0-G Lift access door is a two (2) panel, swing out type, manually operated, providing a clear opening of 42" x 68" to safely operate the wheelchair lift. Door location is available rear of the entry door or in the rear overhang of the bus. Perimeter door edges are sealed with inter/outer double lip neoprene seals. Center mating door edges are equipped with overlapping bulb seals. Door location shall be at buyers option, either at rear of vehicle or behind passenger entry doors.

13.0-H Hinges and Locks - Each lift door panels is high with exterior mounted, 3/16" diameter pin, stainless steel piano hinge. Each panel is separately locked top and bottom rod type pins controlled with flush-mounted handles.

13.0-I A positive factory installed gas shock to assist in maintaining opened or closed position of each lift door shall be installed.

13.0-J An automatic curb illumination lamp(s) shall be located inside the lift doorway and other passenger loading areas.

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13.4 ENTRANCE STEPWELL LIFT

A Braun UVL855SM series or Ricon Mirage shall be installed in the stepwell. Pricing is shown on it's separate line item. See attached floorplans in section 8 of our proposal.

13.5 CONTROL INTERLOCK

An interlock meeting ADA Title 49 Lift Interlock requirements and FMVSS 403/404 shall be installed in the bus.

14.0 WHEELCHAIR SECURITY AND OCCUPANT RESTRAINT SYSTEMS

14.0-A Each vehicle shall be equipped with two forward facing wheelchair securement and occupant restraint systems.

14.0-B Wheelchair securement and occupant restraint systems including all attachment hardware and anchorages, shall meet or exceed the following requirements:

- (1) 30-mph/20 G Impact Test criteria per SAE J2249
- (2) 36 CFR Part 1192 and 49 CFR Part 38 and 571 (ADA)
- (3) All applicable FMVSS
- (4) California Title 13

14.0-C Securement system provided shall be a Q'Straint QRT 8300 MAX system.

14.0-D The securement system shall be mounted in recessed "L" track with end caps on track that does not extend to sidewalls. "L" track shall be the same as the manufacturer of the securement system.

14.0-E A Tie Tech web cutter shall be provided.

14.0-F One torso pad approximately 8" x 12 with a thickness of approximately 1" and belt shall be provided.

14.0-G A securement system storage shall be supplied for each position.

14.5 SAFETY EQUIPMENT

- (A) One 5lb. BC fire extinguisher shall be provided.
- (B) A 16-Unit First Aid Kit shall be provided.
- (C) An Emergency Triangle Warning kit shall be provided.
- (D) Two front and two rear tow hooks shall be provided.

15.0 ROOF HATCH

Two (2) Transpec Model #1000 roof escape/ventilation hatches shall be provided.

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16.0 PUBLICATIONS AND PRINTED MATERIALS

Each vehicle shall have a complete set of operation, quality assurance and warranty publications provided.

- (A) Operation Manual
- (B) Complete schematic diagram of hydraulic lines, air lines and circuits.
- (C) Warranty Information.

17.0 PASSENGER SIGNAL SYSTEM PULL CORD

A passenger signal system with pull cords and chime shall be provided.

17.5 PASSENGER STOP REQUEST SIGN

A "STOP REQUEST" Sign shall be provided.

18.0 FRONT AND SIDE DESTINATION SIGNS

Electric roller curtain signs shall be provided, one in the front cap and one located in the curbside window.

19.0 LICENSE PLATES

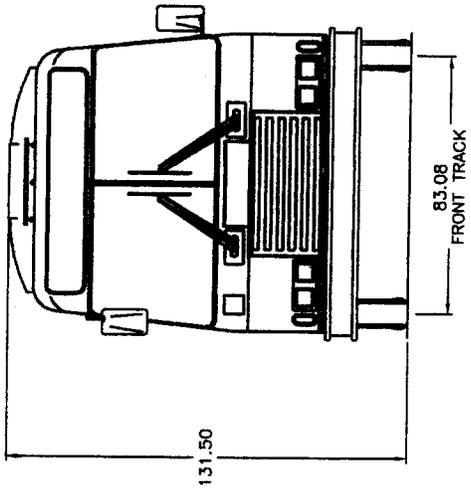
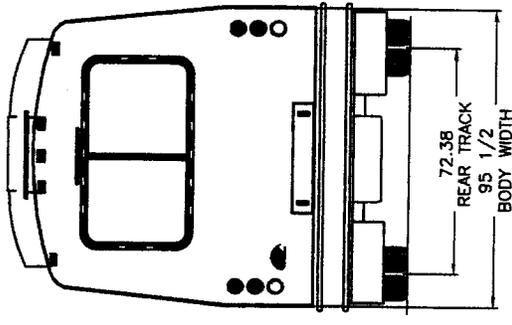
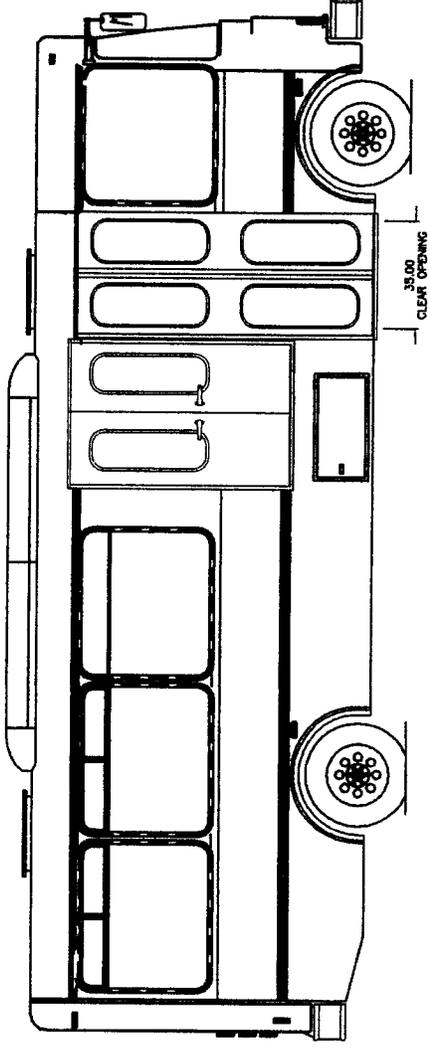
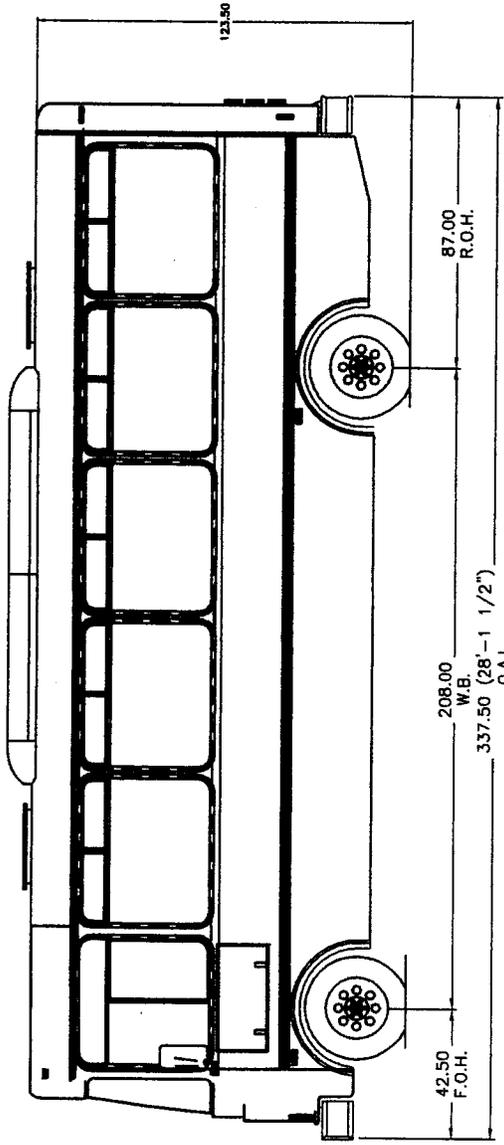
License plate holders shall be provided for the front and rear of the bus.

20.0 TESTING

(A) Each vehicle and all working and moving parts and operating devices shall be thoroughly tested by the manufacturer.

(B) Roofs, windows, windshields and all doors shall be water tested.

(C) Water test shall be for a minimum of five (5) minutes.



**CONCEPTUAL PROPOSAL
RAISED FLOOR MST**

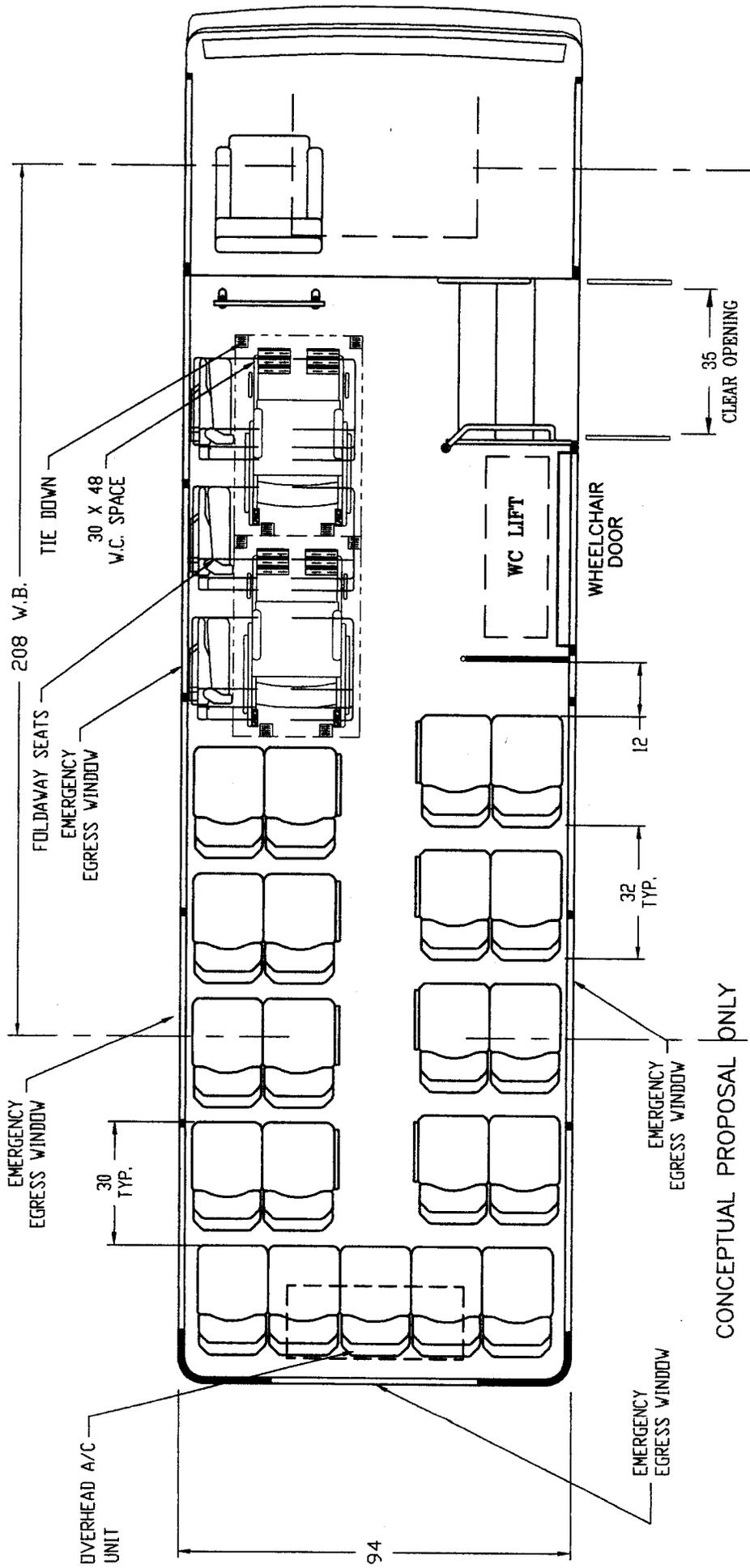
THIS DRAWING IN DESIGN & DETAIL IS THE PROPERTY OF ELDORADO NATIONAL & MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.

REV	DATE	BY	DESCRIPTION	QTY.	SIZE	SPEC.
1	9/10/03	LOREN	RAISED FLOOR			
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Eldorado National
A **TRUS** Company
13900 Sycamore Way
Chino, CA 91710
Phone (909) 961-8557

TITLE
ELEVATION
MST - II - 2800

MODEL MST II **DWG NO.** 96700404 **SHEET** 1 OF 1 **REV**



CONCEPTUAL PROPOSAL ONLY

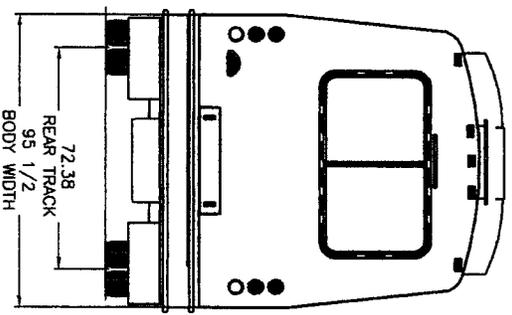
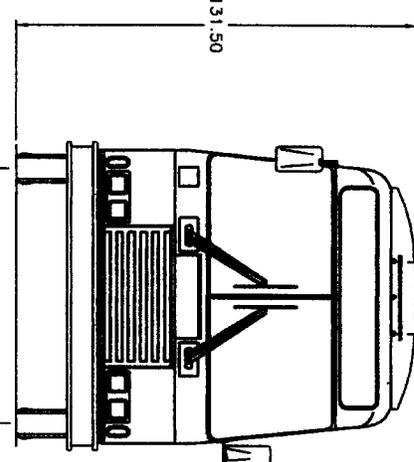
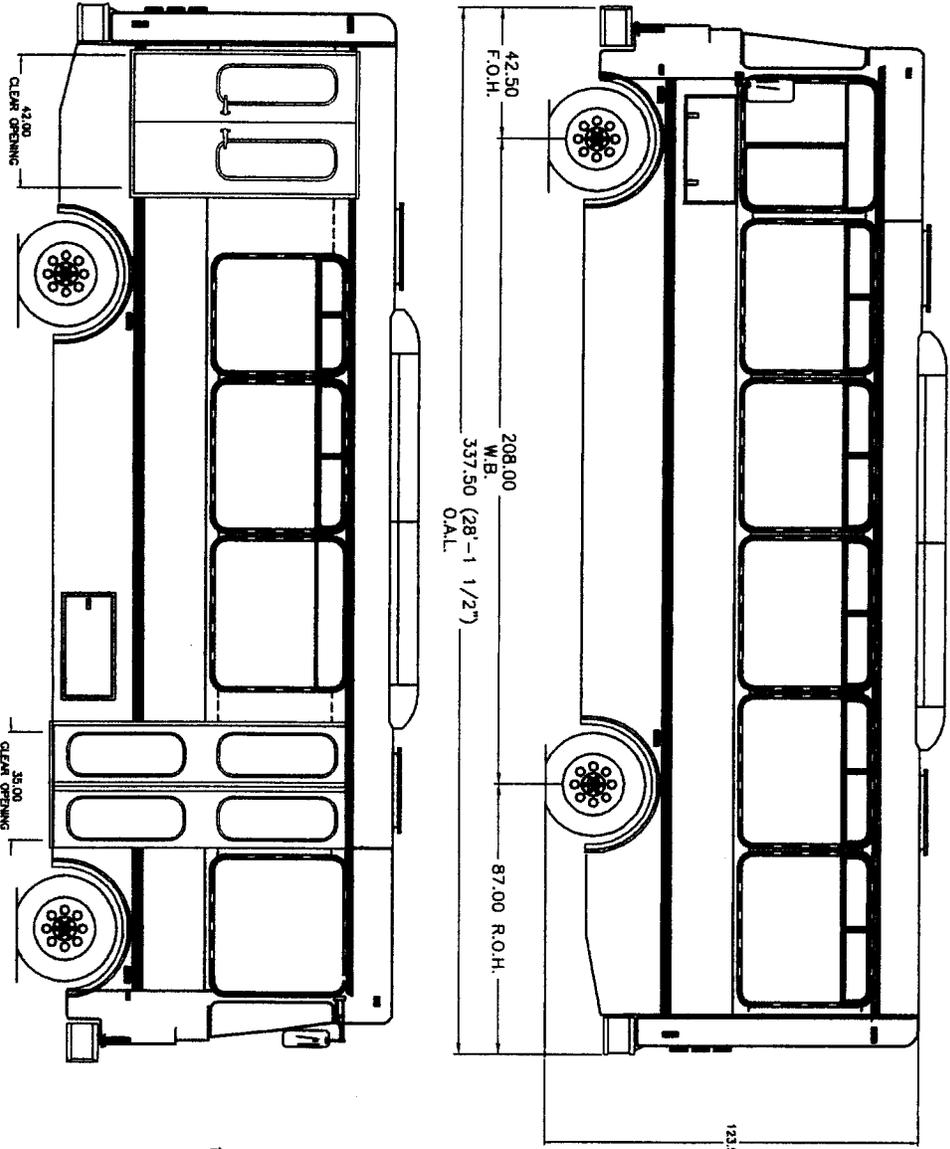
CAPACITY:

- 21 PASSENGERS WITH 2 WHEELCHAIR POSITIONS
- OR
- 27 PASSENGERS PLUS DRIVER
- DRAWN WITH FREEDMAN MID-HI FEATHERWEIGHT SEATS

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ITEM	PART OR Dwg. NO.	QTY.	SIZE	DESCRIPTION	SPEC.
A	LOREN L 9/9/03			Eldorado National A IBER Company	13800 Sycamore Way China, CA 91710 Phone (909) 561-8857
ECN NO	REV	DATE	BY	TITLE	
				FLOOR PLAN	
NEXT ASSEMBLY			SCALE 1=24	MODEL	DWG NO.
			SIZE B	MST II	91700611
			INDICATES UNLESS OTHERWISE SPECIFIED	MST - II - PT - 2800	
			FRACTION DECIMALS	REV	
			± 1/32	A	
			± .015	SHEET 1 OF 1	
			± .1	REV	

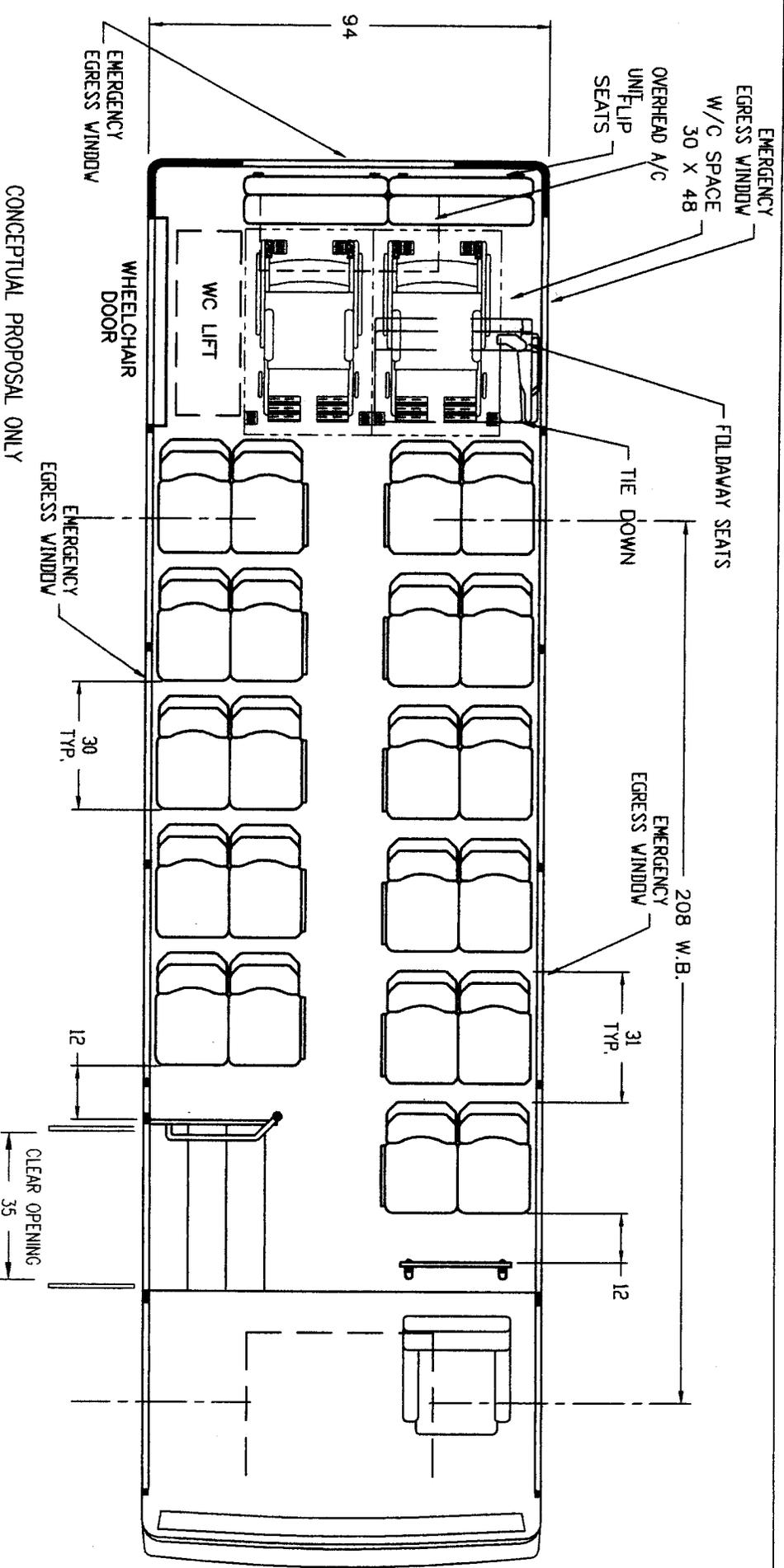
CONCEPTUAL PROPOSAL RAISED FLOOR MST



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REVISE ONLY ON CAD SYSTEM

ECN NO.	REV	DATE	BY	APPROVED	DATE	BY	SCALE	DATE	BY	REV	DATE	BY	DESCRIPTION	DATE	BY
							1=40								
<p>ELDorado National A HEER Company 13900 Sycamore Way Chino, CA 91710 Phone (909) 981-8887</p>													<p>ELEVATION MST - II</p>		
<p>MODEL MST II DWG NO. 96700505 SHEET 1 OF 1</p>															



CONCEPTUAL PROPOSAL ONLY

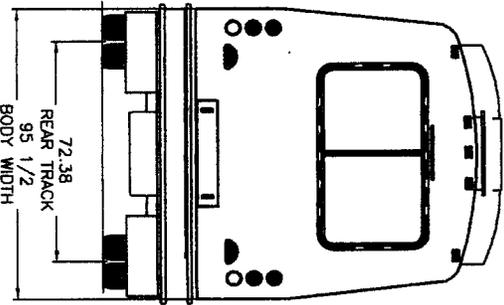
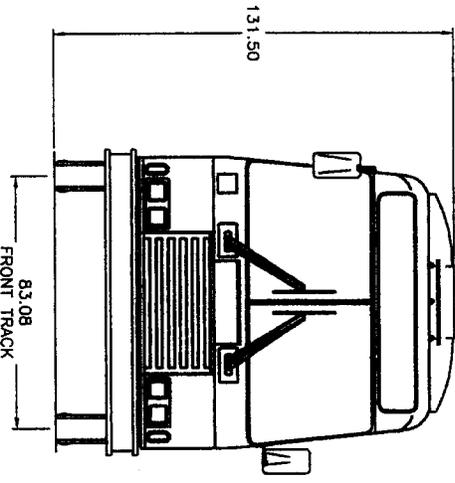
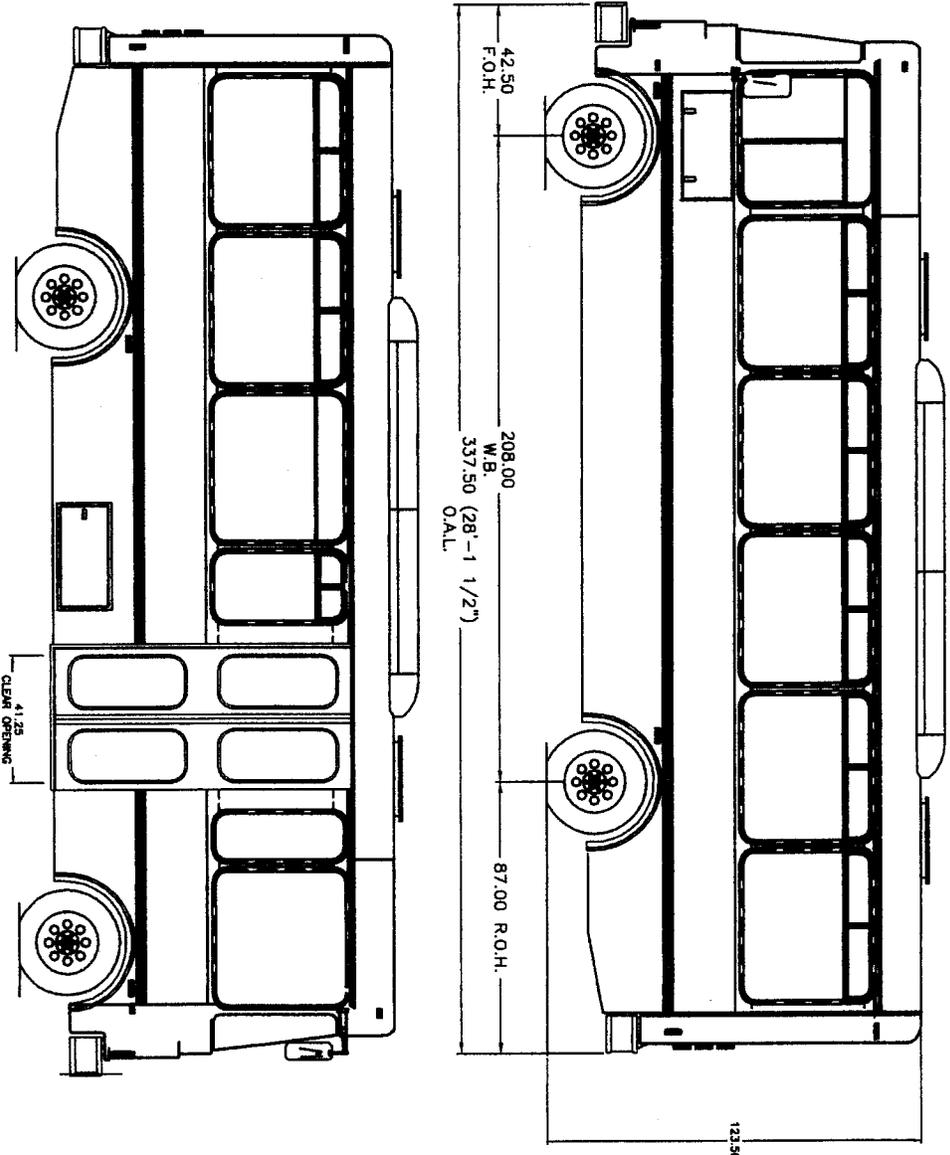
CAPACITY: 22 PASSENGERS WITH 2 WHEELCHAIR POSITIONS
 OR
 28 PASSENGERS PLUS DRIVER
 DRAWN WITH FREEDMAN MID-HI FEATHERWEIGHT SEATS
 AND HOSTESS FLIP SEATS

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REV	DATE	BY	APP'D	DESCRIPTION
A	9/9/03	LOREN L		
DRAWN BY: LOREN L DATE: 9/9/03 CHECKED BY: APPROVED SCALE: 1/24 SIZE: 8 DIMENSIONS UNLESS OTHERWISE SPECIFIED FINISHES: SEE 4.03 1/12 1/8" = 1"				
TITLE: Eldorado National A HEOR Company		MODEL: MST II DWG NO.: 91700813 SHEET: 1 OF 1		
FLOOR PLAN MST-II - PT-2800		13800 Sycamore Way Chino, CA 91710 Phone (909) 581-9557		

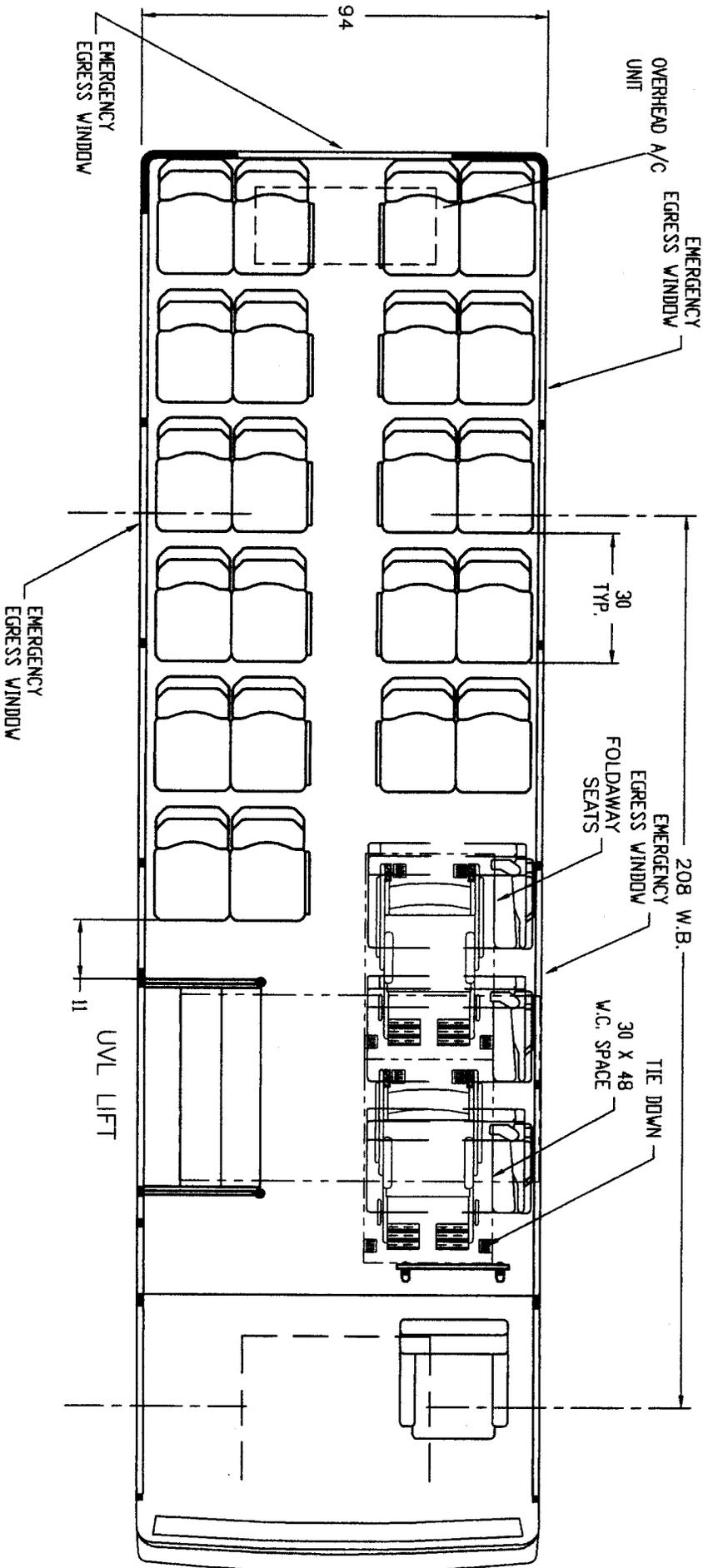
CONCEPTUAL PROPOSAL RAISED FLOOR MST

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REVISE ONLY ON CAD SYSTEM

REV	DATE	BY	DESCRIPTION	SIZE	QTY.	SCALE	DATE	NO.	REV
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<p>APPROVED: _____</p> <p>SCALE: 1=40</p> <p>SIZE: 8</p> <p>DATE: 9/10/03</p> <p>NO. OF SHEETS: 1</p> <p>TOLERANCES UNLESS OTHERWISE SPECIFIED</p> <p>FINISHES UNLESS OTHERWISE SPECIFIED</p> <p>PROVIDE DIMENSIONS TO CENTER UNLESS OTHERWISE SPECIFIED</p>									
<p>Eldorado National A TRUIS Company</p> <p>13800 Sycamore Way Chino, CA 91710 Phone (909) 591-8887</p>									
<p>TITLE: ELEVATION MST - II</p>									
<p>MODEL: MST II DWG NO.: 96701106 SHEET: 1 OF 1 REV:</p>									

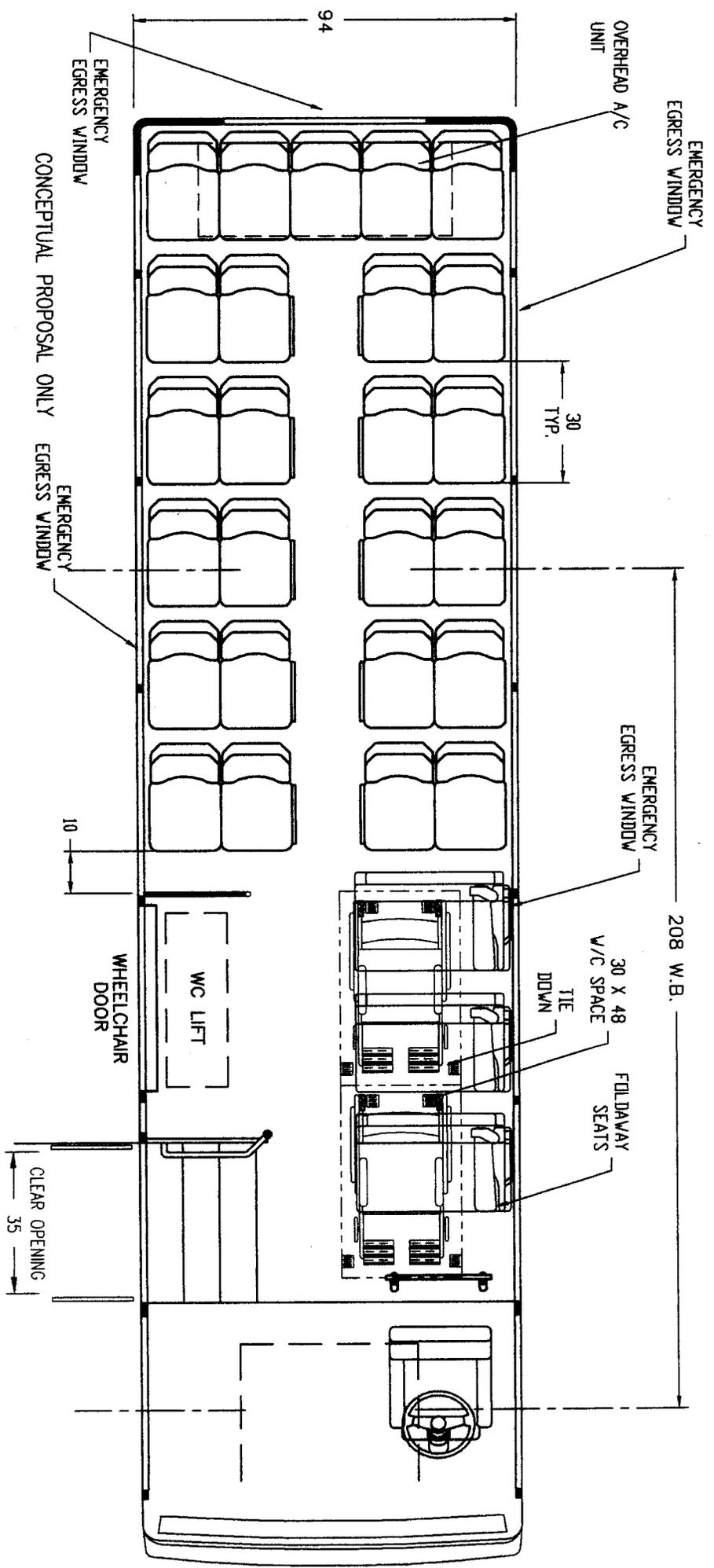


CONCEPTUAL PROPOSAL ONLY

CAPACITY: 22 PASSENGERS WITH 2 WHEELCHAIR POSITIONS
OR
28 PASSENGERS PLUS DRIVER

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REVISE ONLY ON CAD SYSTEM		ITEM	PART OR DWG. NO.	QTY.	SIZE	DESCRIPTION	SPEC.
ECN NO.	REV. DATE	BY	DATE				
NEXT ASSEMBLY							
SCALE	1-24	SIZE	B				
DRAWN BY		LOREN L		DATE	9/9/03		
APPROVED							
DRAWING FILE		91701114					
MODEL		MST II		DWG. NO.	91701114		
SHEET		1 OF 1					
TITLE		El Dorado National A LEBER Company FLOOR PLAN MST-II - PT-2800					
MODEL		MST II		DWG. NO.	91701114		
SHEET		1 OF 1					
SPEC.		13800 Sycamore Way Chino, CA 91710 Phone (909) 591-9557					

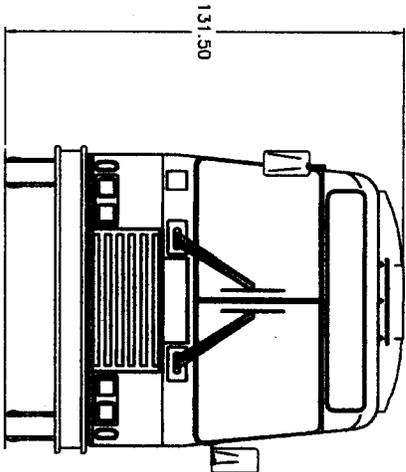
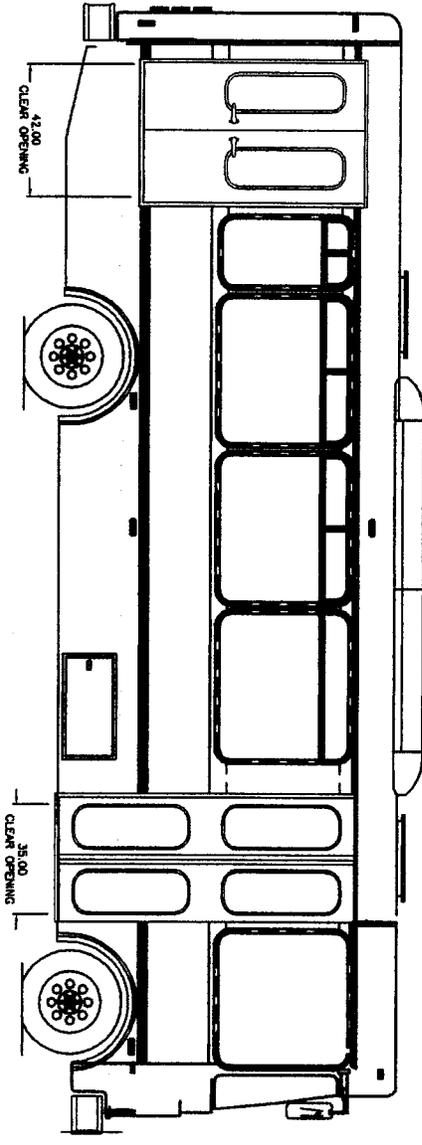
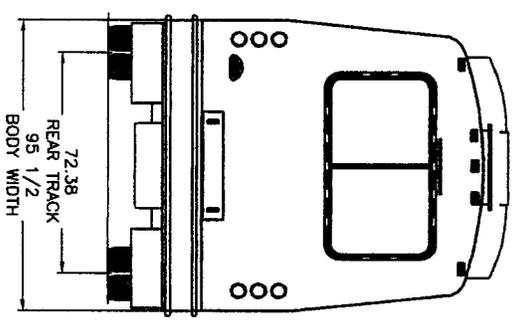
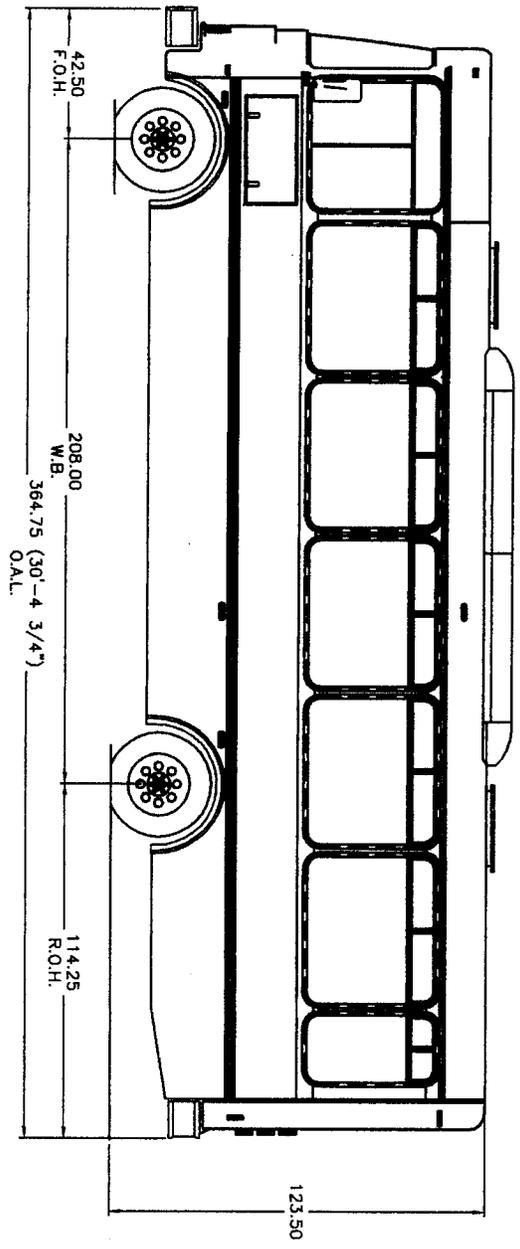


CAPACITY: 25 PASSENGERS WITH 2 WHEELCHAIR POSITIONS
OR
31 PASSENGERS PLUS DRIVER

USING FREEDMAN MID-HI KNEESAVER SEATS

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REVISIONS		ITEM	PART OR DWG. NO.	QTY.	SIZE	DESCRIPTION	SPEC.
NO.	DATE	BY	DATE				
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ECN NO.	REV.	DATE	BY				
91500610							
SCALE		DRAWN BY: LOREN L. 9/9/03					
1=24		APPROVED: [Signature]					
SIZE		TOLERANCES UNLESS OTHERWISE SPECIFIED					
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DWG NO. 91500610		MST - II - PT					
SHEET 1 OF 1		REV.					
		Eldorado National 13900 Sycamore Way A THOR Company Chicago, CA 91710 Phone (909) 581-8557					



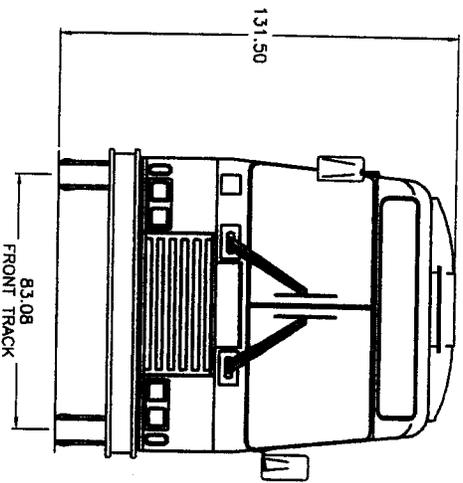
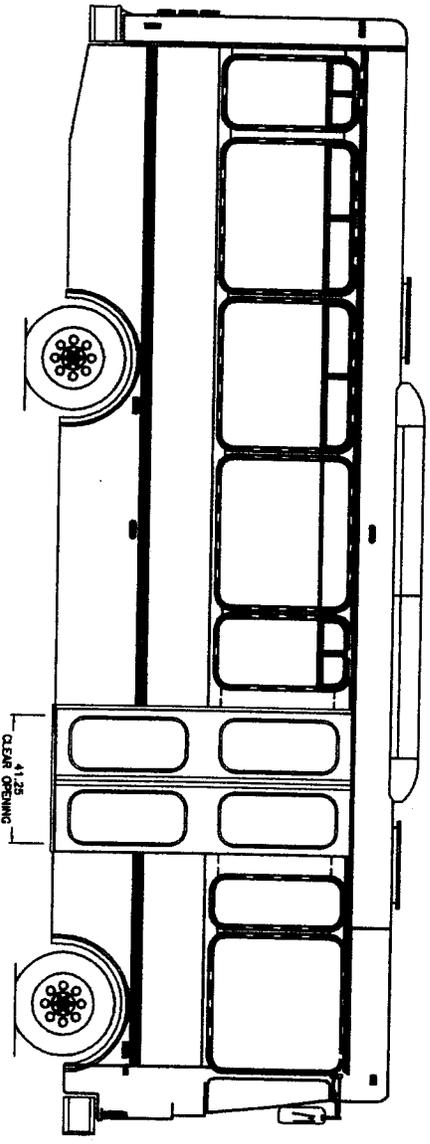
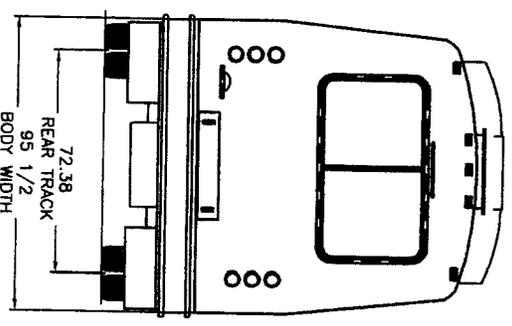
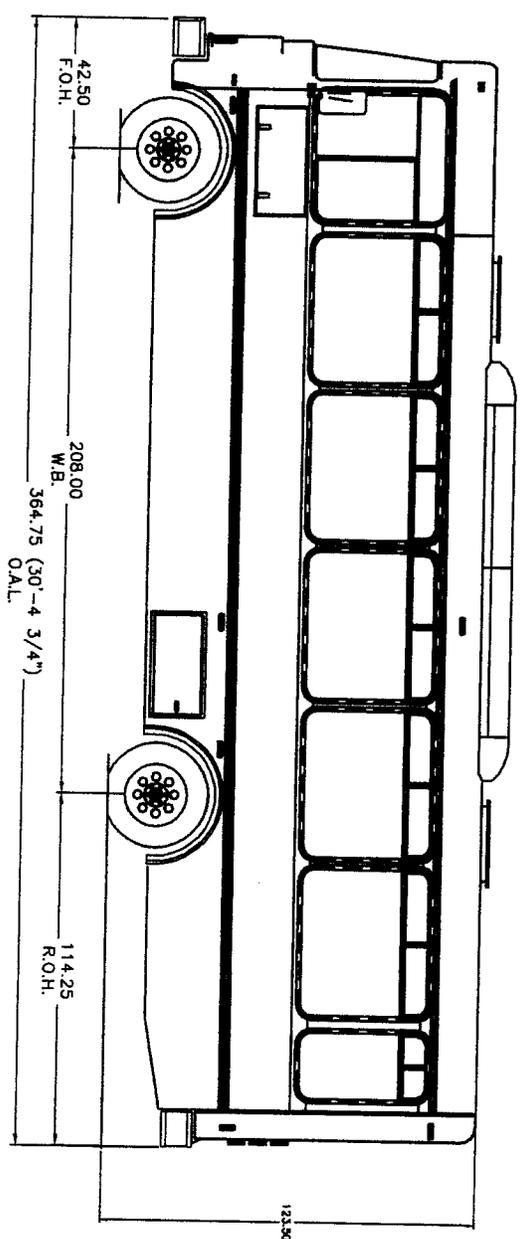
CONCEPTUAL PROPOSAL

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REVISE ONLY ON CAD SYSTEM				ITEM	PART OR DWG. NO.	QTY.	SIZE	DESCRIPTION	SPEC.
96500438	MATERIAL								
	REV	DATE	BY						
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Eldorado National
A **IHDE** Company
13900 Sycamore Way
Chino, CA 91710
Phone (909) 591-8557

TITLE: **ELEVATION**
MODEL: MST II
DWC NO.: 96500438
SHEET: 1 OF 1
REV



**CONCEPTUAL PROPOSAL
RAISED FLOOR MST**

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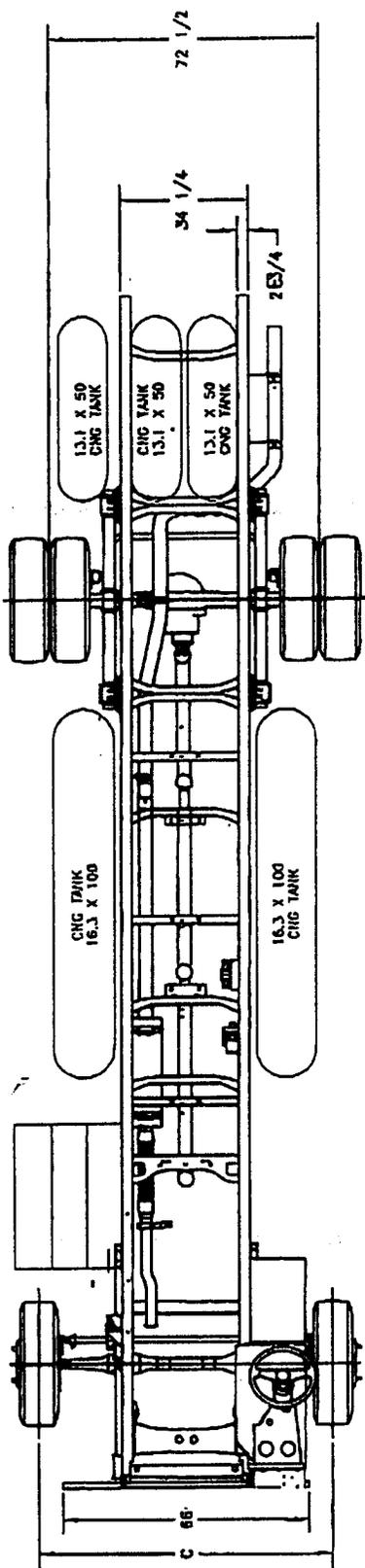
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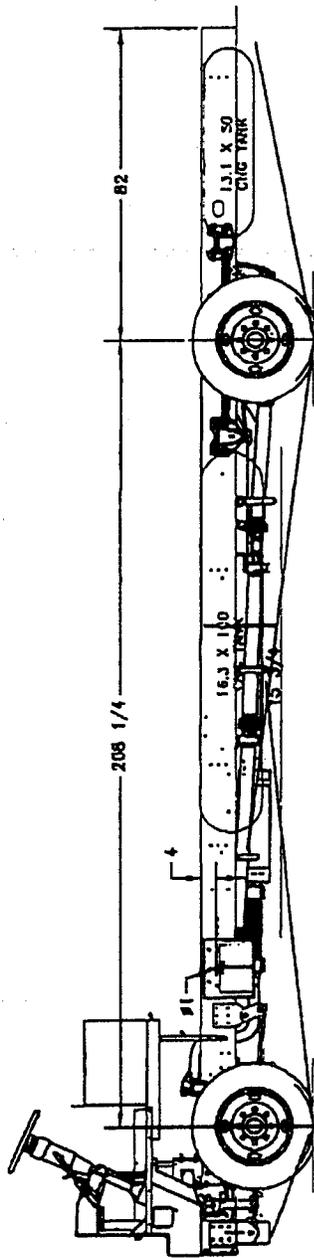
MODEL MST II
 DWG NO. 96501116
 SHEET 1 OF 1
 REV

Eldorado National
 A **HEIL** Company
 13800 Sycamore Way
 Chino, CA 91710
 Phone (909) 581-8887

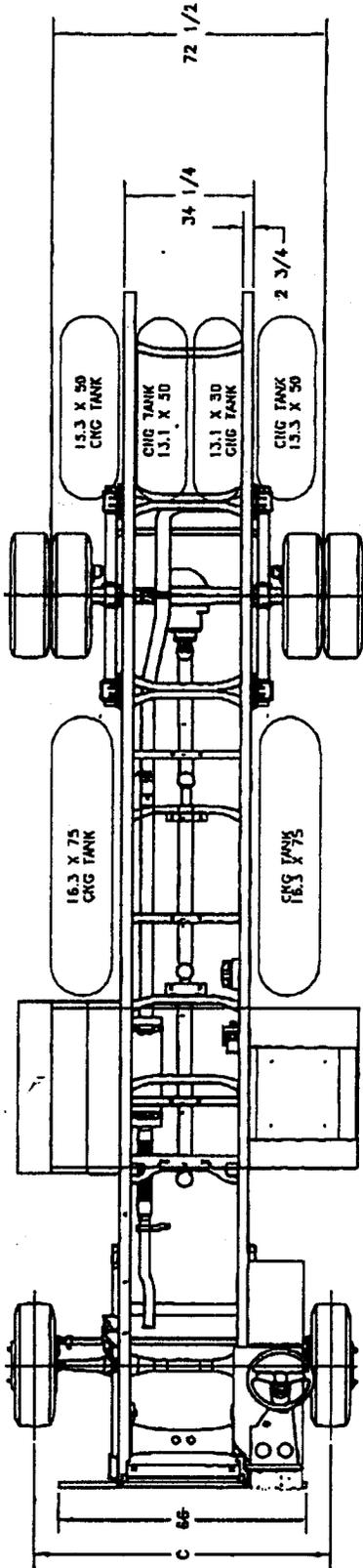
ELEVATION
 MST - II



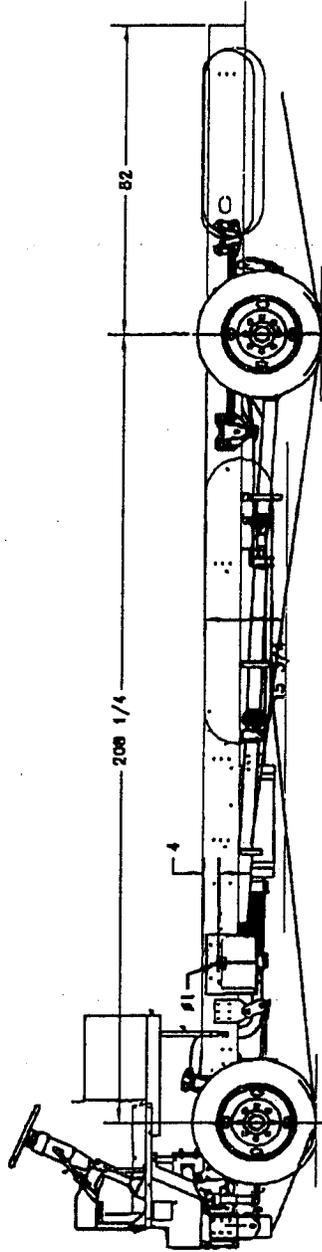
CAPACITY:
 @ 3600 PSI
 ALUMINUM 13.1 X 50 X 3 PLCS: 827 SCF X 3 = 2481 SCF
 ALUMINUM 16.3 X 100 X 2 PLCS: 2644 SCF X 2 = 5288 SCF
 TOTAL 7769 SCF



REV	DATE	BY	DESCRIPTION	SIZE	QTY.	SPEC.
1			CHASSY ASSEMBLY			
2			208" WHEELBASE			
3			13800 Sycamore Way Chino, CA 91710 Phone (909) 581-0857			
4			Eldorado National A HUBBARD COMPANY			
5			SCALE 1/32"			
6			SIZE 8"			
7			STANDARD UNITS OTHERWISE STATED			
8			FRACTIONS 32-1/32"			
9			DECIMALS 1/16"			
10			1/8"			
11			3/16"			
12			1/2"			
13			3/4"			
14			1"			
15			1 1/2"			
16			2"			
17			3"			
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35			144"			
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37			192"			
38			216"			
39			240"			
40			264"			
41			288"			
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45			384"			
46			408"			
47			432"			
48			456"			
49			480"			
50			504"			
51			528"			
52			552"			
53			576"			
54			600"			
55			624"			
56			648"			
57			672"			
58			696"			
59			720"			
60			744"			
61			768"			
62			792"			
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65			864"			
66			888"			
67			912"			
68			936"			
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70			984"			
71			1008"			
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74			1080"			
75			1104"			
76			1128"			
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78			1176"			
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97			1632"			
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101			1728"			
102			1752"			
103			1776"			
104			1800"			
105			1824"			
106			1848"			
107			1872"			
108			1896"			
109			1920"			
110			1944"			
111			1968"			
112			1992"			
113			2016"			
114			2040"			
115			2064"			
116			2088"			
117			2112"			
118			2136"			
119			2160"			
120			2184"			
121			2208"			
122			2232"			
123			2256"			
124			2280"			
125			2304"			
126			2328"			
127			2352"			
128			2376"			
129			2400"			
130			2424"			
131			2448"			
132			2472"			
133			2496"			
134			2520"			
135			2544"			
136			2568"			
137			2592"			
138			2616"			
139			2640"			
140			2664"			
141			2688"			
142			2712"			
143			2736"			
144			2760"			
145			2784"			
146			2808"			
147			2832"			
148			2856"			
149			2880"			
150			2904"			
151			2928"			
152			2952"			
153			2976"			
154			3000"			
155			3024"			
156			3048"			
157			3072"			
158			3096"			
159			3120"			
160			3144"			
161			3168"			
162			3192"			
163			3216"			
164			3240"			
165			3264"			
166			3288"			
167			3312"			
168			3336"			
169			3360"			
170			3384"			
171			3408"			
172			3432"			
173			3456"			
174			3480"			
175			3504"			
176			3528"			
177			3552"			
178			3576"			
179			3600"			
180			3624"			
181			3648"			
182			3672"			
183			3696"			
184			3720"			
185			3744"			
186			3768"			
187			3792"			
188			3816"			
189			3840"			
190			3864"			
191			3888"			
192			3912"			
193			3936"			
194			3960"			
195			3984"			
196			4008"			
197			4032"			
198			4056"			
199			4080"			
200			4104"			
201			4128"			
202			4152"			
203			4176"			
204			4200"			
205			4224"			
206			4248"			
207			4272"			
208			4296"			
209			4320"			
210			4344"			
211			4368"			
212			4392"			
213			4416"			
214			4440"			
215			4464"			
216			4488"			
217			4512"			
218			4536"			
219			4560"			
220			4584"			
221			4608"			
222			4632"			
223			4656"			
224			4680"			
225			4704"			
226			4728"			
227			4752"			
228			4776"			
229			4800"			
230			4824"			
231			4848"			
232			4872"			
233			4896"			

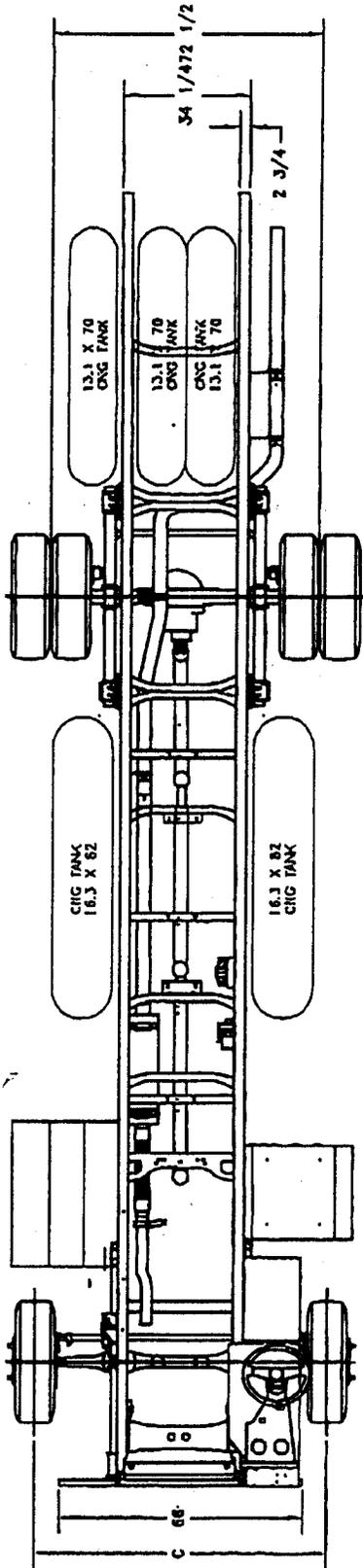


CAPACITY:
 @ 3600 PSI
 ALUMINUM 13.1 X 50 X 2 PLGS: 827 SCF X 2 = 1654 SCF
 ALUMINUM 15.3 X 50 X 2 PLGS: 1147 SCF X 2 = 2294 SCF
 ALUMINUM 16.3 X 75 X 2 PLGS: 1983 SCF X 2 = 3966 SCF
 TOTAL 7914 SCF

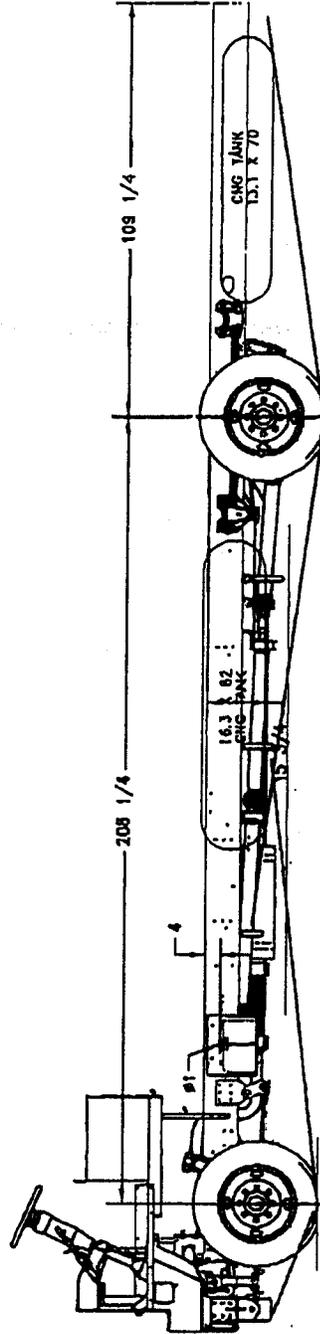


ITEM	PART OR CNG. NO.	QTY.	SIZE	DESCRIPTION	SPEC.
DRAWN BY LOREN L		DATE 9/23/03		13800 Sycamore Way Chino, CA 91710 Phone (609) 591-8857	
ECH NO		REV DATE		TITLE	
NEXT ASSEMBLY		BY		CHASSY ASSEMBLY	
SCALE		1=32		MODEL	
DIMENSIONS UNLESS OTHERWISE SPECIFIED		TOLERANCES UNLESS OTHERWISE SPECIFIED		DWR NO. 22019500C	
FINISHES		CONC. FIN. SPEC. 2.115		SHEET 1 OF 1	
MATERIALS		1/1/79		REV. A	
22019500C					

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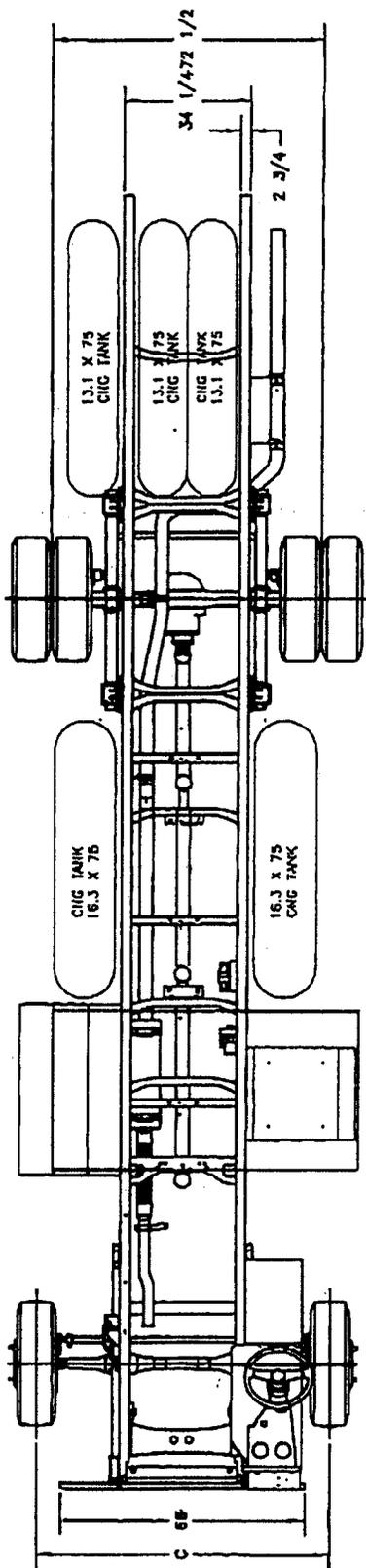


CAPACITY:
 @ 3800 PSI
 ALUMINUM 13.1 X 70 X 3 PLCS: 1157 SCF X 3 = 3471 SCF
 ALUMINUM 16.3 X 82 X 2 PLCS: 2168 SCF X 2 = 4336 SCF
 TOTAL 7807 SCF

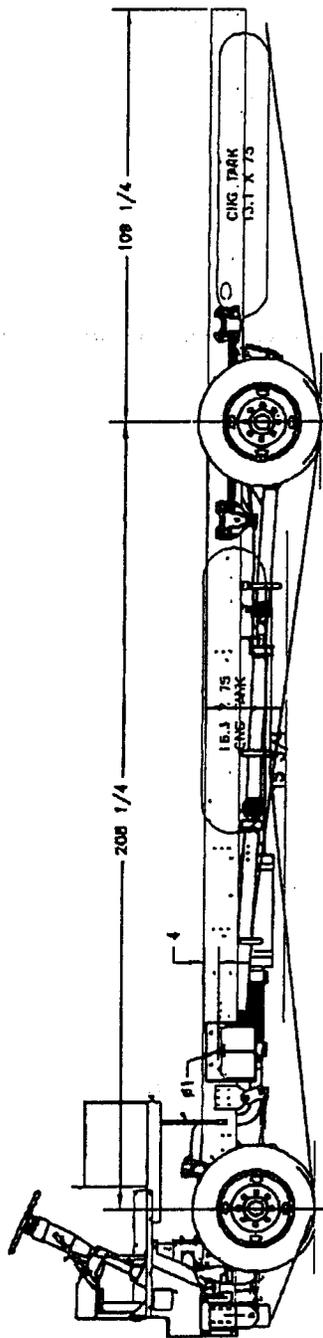


ITEM	PART OR DNG. NO.	QTY.	SIZE	DESCRIPTION	SYE.
Eldorado National 13900 Sycamore Way Chino, CA 91710 Phone (909) 361-8857					
A THOR Company					
DRAWN BY LOREN L. 9/24/03				TITLE CHASSY ASSEMBLY 208" WHEELBASE	
APPROVED BY [Signature]				MODEL MS1	
SCALE 1" = 32"				DWG. NO. 22019600C	
DIMENSIONS UNLESS OTHERWISE SPECIFIED FRACTIONS UNLESS OTHERWISE SPECIFIED DECIMALS UNLESS OTHERWISE SPECIFIED 1/16" 1/32" 1/64" 1/8" 1/4" 3/8" 1/2" 5/8" 3/4" 1"				SHEET 1 OF 1	

THIS DRAWING IN DESIGN & DETAIL IS THE PROPERTY OF ELDRADO NATIONAL & MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.

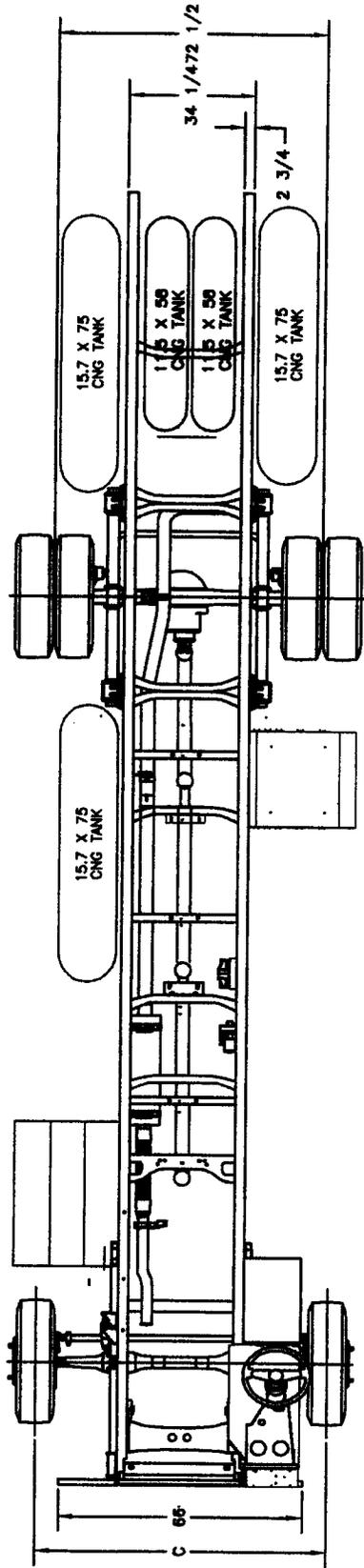


CAPACITY:
 @ 3600 PSI
 ALUMINUM 13.1 X 75 X 3 PLCS: 1240 SCF X 3 = 3720 SCF
 ALUMINUM 16.3 X 75 X 2 PLCS: 1983 SCF X 2 = 3966 SCF
 TOTAL 7686 SCF



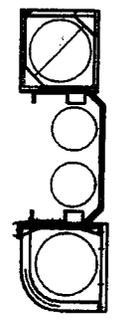
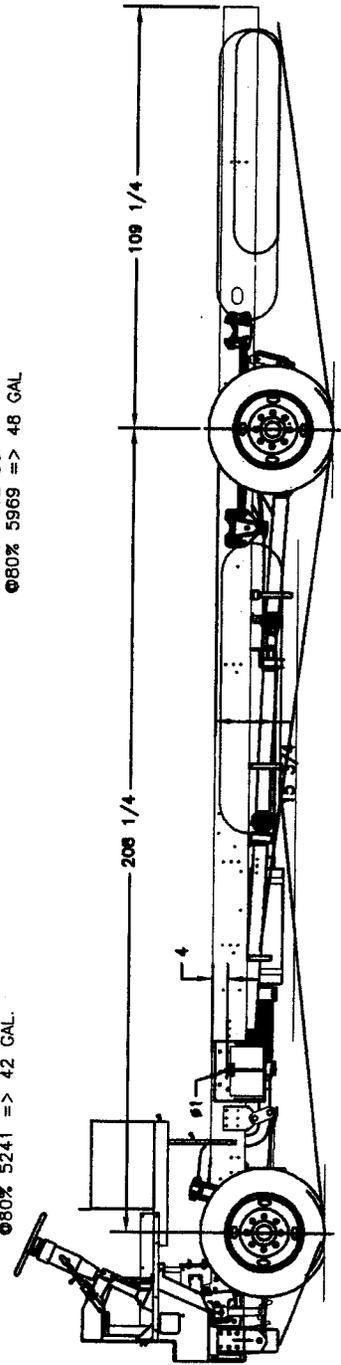
ITEM	PART OR QTY. NO.	QTY.	SIZE	DESCRIPTION	SPEC.
1				Eldorado National A (EIB) Company	13900 Steamare Way China, CA 91710 Phone (609) 991-8887
2				CHASSY ASSEMBLY 206" WHEELBASE	
3				MODEL	MS1
4				NO. 22019700C	SHEET 1 OF 1
5				SCALE 1=1/2	SIZE B
6				DATE 9/23/03	BY
7				REV	DATE
8				BY	DATE
9				APPROVED	DATE
10				APPROVED	DATE
11				APPROVED	DATE
12				APPROVED	DATE
13				APPROVED	DATE
14				APPROVED	DATE
15				APPROVED	DATE
16				APPROVED	DATE
17				APPROVED	DATE
18				APPROVED	DATE
19				APPROVED	DATE
20				APPROVED	DATE
21				APPROVED	DATE
22				APPROVED	DATE
23				APPROVED	DATE
24				APPROVED	DATE
25				APPROVED	DATE
26				APPROVED	DATE
27				APPROVED	DATE
28				APPROVED	DATE
29				APPROVED	DATE
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42				APPROVED	DATE
43				APPROVED	DATE
44				APPROVED	DATE
45				APPROVED	DATE
46				APPROVED	DATE
47				APPROVED	DATE
48				APPROVED	DATE
49				APPROVED	DATE
50				APPROVED	DATE

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CAPACITY:
 ● 3000 PSI
 STEEL 11.5 X 58 X 2 PLCS: 684 SCF X 2 = 1368 SCF
 STEEL 15.7 X 75 X 3 PLCS: 1728 SCF X 3 = 5184 SCF
 TOTAL 6552 SCF
 ●80% 5241 => 42 GAL.

CAPACITY:
 ● 3600 PSI
 STEEL 11.5 X 58 X 2 PLCS: 779 SCF X 2 = 1558 SCF
 STEEL 15.7 X 75 X 3 PLCS: 1968 SCF X 3 = 5904 SCF
 TOTAL 7462 SCF
 ●80% 5969 => 48 GAL.



ITEM	PART OR DWG. NO.	QTY.	SIZE	DESCRIPTION	SPEC.
ECH NO.	REV	DATE	BY	APPROVED	
NEXT ASSEMBLY					
SCALE 1=32					
IN LINE DIMENSIONS					
TOLERANCES UNLESS OTHERWISE SPECIFIED					
FRACTIONS DECIMAL DIMENSIONS					
± 1/32 ± .005 ± .015					
22018500C					
DRAWING TITLE					
Eldorado National					
A Company					
CHASSY ASSEMBLY					
208" WHEELBASE					
MODEL MST					
DWG NO. 22018500C					
SHEET 1 OF 1					
REV					

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EIDorado National

— a **THOR** company —

October 1, 2003

To Whom It May Concern:

Creative Bus Sales, Inc. of Chino, California is the authorized EIDorado National dealer for medium duty cutaway buses built in our Salina, Kansas manufacturing facility. Specifically, Creative Bus Sales, Inc. is the authorized dealer for the EIDorado National Aero Elite product for the State of California.

Creative Bus Sales, Inc. has been a dealer in good standing and a quality representative of EIDorado National products for many years.

Please contact me for any further information. I may be reached at (800) 850-1287.

Sincerely,



Mitch Comfort
Regional Sales Manager



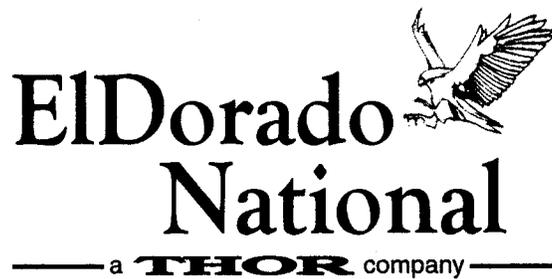
Certification as Authorized Representative

EIDorado National certifies that Creative Bus Sales, Inc. is an authorized business entity that routinely provides OEM supported warranty/parts and service for EIDorado National products and specifically for the EIDorado National Aero Elite product.

Signed: Mitchell L. Comfort
Mitch Comfort

Title: Regional Sales Manager

Date: October 1, 2003



Certification of Authorization

Eldorado National certifies that Creative Bus Sales, Inc. is authorized to represent the offer (i.e., sell and support the product and program) per the State of California Invitation For Bid, Solicitation No: 51426.

Signed: *Mitchell J. Comfort*
Mitch Comfort

Title: Regional Sales Manager

Date: October 1, 2003



Guarantee of Performance

Eldorado National certifies that should Creative Bus Sales, Inc. be unable or fail to perform as required by the contract, Eldorado National will assume all performance responsibility and complete the contract as required per Invitation For Bid Solicitation No: 51426.

Signed: *Mitchell T. Comfort*
Mitch Comfort

Title: Regional Sales Manager

Date: October 1, 2003

ElDorado National

a **THOR** company

September 30, 2003

To Whom It May Concern:

Creative Bus Sales, Inc. of Chino, California is the authorized ElDorado National dealer for medium to heavy-duty buses built in our California manufacturing facility. Specifically, Creative Bus Sales, Inc. is the authorized dealer for the ElDorado National MST-II product for the State of California.

Creative Bus Sales, Inc. has been a dealer in good standing and a quality representative of ElDorado National products for many years.

Please contact me for any further information. I may be reached at (800) 362-1287.

Sincerely,



Tony Wayne
Vice President & General Manager

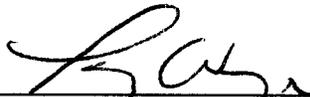
ElDorado National

a **THOR** company

Certification as Authorized Representative

ElDorado National certifies that Creative Bus Sales, Inc. is an authorized business entity that routinely provides OEM supported warranty/parts and service for ElDorado National products and specifically for the ElDorado National MST-II product.

Signed: _____


Tony Wayne

Title: Vice President & General Manager

Date: September 30, 2003

ElDorado National



a **THOR** company

Certification of Authorization

ElDorado National certifies that Creative Bus Sales, Inc. is authorized to represent the offer (i.e., sell and support the product and program) per the State of California Invitation For Bid, Solicitation No: 51426.

Signed: _____

Tony Wayne
Tony Wayne

Title: Vice President & General Manager

Date: September 30, 2003

Eldorado National



a **THOR** company

Guarantee of Performance

Eldorado National certifies that should Creative Bus Sales, Inc. be unable or fail to perform as required by the contract, Eldorado National will assume all performance responsibility and complete the contract as required per Invitation For Bid Solicitation No: 51426.

Signed: 
Tony Wayne

Title: Vice President & General Manager

Date: September 30, 2003