

REQUEST FOR PROPOSALS

RFP Number – 2012-001

Closing Date – February 17, 2012

Closing Time – 0900 Hours

Type III Ambulance Vehicle

Callaway County
Ambulance District

Callaway County Ambulance District is accepting proposals for the purchase of one (1) 2012 Type III ambulance vehicle based on the enclosed specifications. While we are requesting the vehicle be bid on both the Ford E450 chassis and the GM G-4500 chassis, the District intends to purchase only one (1) ambulance vehicle.

The deadline for proposals is Friday, February 17, 2012 at 9:00 a.m. at which time the bids will be opened.

The Board of Directors will review the bids at their regular meeting on Tuesday, February 21, 2010 at 7:00 p.m.

The signature affidavit on page 3 of this document must be completed and signed in order for the proposal to be accepted.

The Callaway County Ambulance District reserves the right to reject any or all bids when deemed to be in the best interest of the District.

Questions may be directed to:

Charles W. Anderson, Director.
P.O. Box 246
Fulton, MO 65251-0246
573-642-7260, ext 23
Email: canderson@callawayambulance.org

Signature Affidavit

By submitting this proposal, we certify that the following:

- We have not directly or indirectly entered into any agreement or participated in any collusion or otherwise taken any action in restraint of free competition.
- No attempt has been made to induce any other person or firm to submit or not to submit a proposal.
- This bid has been independently arrived at without collusion with any other bidder, competitor or potential competitor.
- This bid has not been knowingly disclosed prior to the opening of bids to any other bidder or competitor.
- Under the penalty of perjury, the above statements are accurate.

The undersigned, submitting this proposal, hereby agrees with all the terms, conditions and specifications required by the Callaway County Ambulance District in this RFP, and declares that the attached bid and pricing are in conformity therewith.

_____	_____	
Name (Type or Print)	Title	
_____	_____	
Signature	Company or Firm	

Address		
_____	_____	_____
City	State	Zip
_____	_____	
Telephone	Fax	

E-Mail		

2012 TYPE III
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AMBULANCE SPECIFICATIONS

1.0 CHASSIS (A)

1.1 **VEHICLE AND WHEEL BASE**

2012 Chevrolet G-4500 cutaway chassis with dual rear wheels, 159-inch wheel base, 14,200 lb. GVWR, GM Ambulance prep package YF2.

COMPLY? YES ____ NO ____

1.2 **ENGINE**

Chevrolet 6.6-liter Duramax Turbo Charged V-8 Diesel with OEM engine block heater wired to shoreline.

COMPLY? YES ____ NO ____

1.3 **HIGH IDLE SWITCH**

The OEM High Idle switch shall be standard. When the vehicle is in park, engaging the switch shall electronically adjust the engine idle up to an OEM predetermined setting to maintain system voltage.

COMPLY? YES ____ NO ____

1.4 **GAUGES AND METERS**

Speedometer, odometer, fuel gauge, temperature, oil pressure, digital voltmeter, engine hour meter.

COMPLY? YES ____ NO ____

1.5 **SPRINGS AND AXLES**

Front axle, 4,600 pounds GAWR. Rear Axle, 9,600 pounds GAWR; Gas filled shock absorbers, front and rear. Front and rear stabilized bars.

COMPLY? YES ____ NO ____

1.6 **STEERING**

Power steering with tilt wheel and cruise control.

COMPLY? YES ____ NO ____

1.7 **BRAKES**

Front / Rear Disc w/ 4-wheel anti-lock, 4 wheel disc brake system.

COMPLY? YES ____ NO ____

1.8 TRANSMISSION

Six-speed automatic overdrive transmission with external oil cooler.

COMPLY? YES ____ NO ____

1.9 AXLE, REAR

3:73 gear ratio with limited slip

COMPLY? YES ____ NO ____

1.10 FUELTANK

Single, aft of rear axle, OEM 57 gallon capacity tank with a Cast Products fuel fill mounted on the street side.

COMPLY? YES ____ NO ____

1.11 WHEELS AND TIRES

Seven (7) LT 225/75R16E Steel Belted Radial tires, BSW all season tread. Stainless steel wheel inserts with valve stem extensions will be provided. The valve stem extensions are to be steel braided lines that are held in place with stainless steel brackets. These brackets are to be located in such a way as to provide easy access to both the inside and outside rear tires valve stems for the checking of tire pressure and for the addition of air when required.

COMPLY? YES ____ NO ____

1.12 BATTERIES

Two 770 CCA, one under hood and one mounted in a pull out slide tray in a **separate sealed compartment underneath the ALS compartment with separate access door**; wired parallel in OEM configuration that complies with KKK-A-1822-F requirements. Batteries will be wired so that both will always be used for starting and controlled by a 300 amp power cut off switch. The power cut off switch circuit shall be protected by a 250 amp fuse. The ignition key shall activate the power cut off switch. Power can be provided to the module without the engine running by turning the ignition key to accessory position.

COMPLY? YES ____ NO ____

1.13 ALTERNATORS

Dual OEM 145 amp alternators with internal regulators.

COMPLY? YES ____ NO ____

1.14 WINDOWS

Tinted safety glass is installed in all exterior windows. GM OEM power operated windows.

COMPLY? YES ____ NO ____

1.15 WINDSHIELD WIPERS

Variable speed electric, with washer and adjustable intermittent cycle.

COMPLY? YES ____ NO ____

1.16 SEATS, DRIVER'S COMPARTMENT

Deluxe cloth OEM High Back Captains Chairs, with inboard fold-down armrests, seat belts and shoulder harnesses. There will be a 6" recess behind the cab seats for tilting or reclining of the seats.

The GM OEM cab seats must be the seats installed and shipped with the chassis by GM. The OEM seat pedestals shall be located in the mounting location as determined by GM. Any changing of the GM OEM Seats, mounting pedestals or location thereof is absolutely prohibited.

COMPLY? YES ____ NO ____

1.17 HEATER & AIRCONDITIONING, CHASSIS

OEM heavy duty, high output

COMPLY? YES ____ NO ____

1.18 ENGINE COOLING SYSTEM

Heavy-duty liquid system using a 50/50 mix of permanent type antifreeze and water for protection to (-) 40 Fahrenheit.

COMPLY? YES ____ NO ____

1.19 MIRRORS, EXTERIOR

Velvac XG2020 heated and remote mirrors on foldaway arms shall be provided.

COMPLY? YES ____ NO ____

1.20 TRIM PACKAGE, CHASSIS

Exterior upgrade package; full stainless steel wheel simulators, chrome bumpers and grill, aero style headlights with Daytime running lights. Color keyed door trim, color-keyed carpet and headliner, padded sun visors, courtesy dome lights, AM/FM/CD Stereo radio with clock. Power door locks with remote key less entry, cruise control, tilt steering wheel.

COMPLY? YES ____ NO ____

1.21 RUNNING BOARDS AND MUD FLAPS

Heavy-duty aluminum diamond tread running boards shall be installed from the back of the front wheel opening to the front of the module box. They shall include mud flaps to protect the chassis and module. Rubber mud flaps shall be installed behind the dual rear wheels.

COMPLY? YES ____ NO ____

1.22 MISCELLANEOUS CHASSIS ITEMS

Dual pitch horn, reduced sound level exhaust, OEM standard undercoating, dual air bags.

COMPLY? YES ____ NO ____

AMBULANCE SPECIFICATIONS

1.0 CHASSIS (B)

1.1 VEHICLE AND WHEEL BASE

2012 Ford E-450 Super Duty cutaway chassis with dual rear wheels, 158-inch wheelbase, 14,500 lb. GVWR, Ford Ambulance prep package 47A.

COMPLY? YES ____ NO ____

1.2 ENGINE

Ford 6.8L V-10 Electronic Fuel Injected GAS engine.

COMPLY? YES ____ NO ____

1.3 AUXILIARY POWERTRAIN CONTROL (APC)

The Ford OEM APC Module shall be standard. The APC Module is to be programmed in the "Charge Protection" mode. When the vehicle is in park, service brake disengaged and the parking brake is set, the APC module shall electronically adjust the engine idle (up or down) to maintain proper electrical system voltage.

COMPLY? YES ____ NO ____

1.4 GAUGES AND METERS

Speedometer, odometer, fuel gauge, temperature, oil pressure, digital voltmeter, engine hour meter.

COMPLY? YES ____ NO ____

1.5 AXLES, GAWR & SHOCKS

Front Axle, Twin I-Beam; 5,000 pounds GAWR. Rear Axle, Full Float; 9,600 pounds GAWR. Gas filled shock absorbers, front and rear.

COMPLY? YES ____ NO ____

1.6 STEERING

Power steering with tilt wheel and cruise control.

COMPLY? YES ____ NO ____

1.7 BRAKES

Heavy-duty power assisted. Front / Rear Disc w/ 4-wheel anti-lock brake system.

COMPLY? YES ____ NO ____

1.8 TRANSMISSION

Five-speed automatic overdrive transmission with external oil cooler.

COMPLY? YES ____ NO ____

1.9 AXLE, REAR

4.56 gear ratio with limited slip differential.

COMPLY? YES ____ NO ____

1.10 FUELTANK

Single OEM 55 gallon capacity tank with a Cast Products fuel fill mounted in compliance with Ford QVM guidelines.

COMPLY? YES ____ NO ____

1.11 WHEELS AND TIRES

Seven (7) LT 225/75R16E Steel Belted Radial tires, BSW all season tread. The spare tire will be mounted in the left rear exterior compartment. Stainless steel wheel inserts with valve stem extensions will be provided. The valve stem extensions are to be steel braided lines that are held in place with stainless steel brackets. These brackets are to be located in such a way as to provide easy access to both the inside and outside rear tires valve stems for the checking of tire pressure and for the addition of air when required.

COMPLY? YES ____ NO ____

1.12 BATTERIES

Two 750 CCA mounted in a pull out slide tray in a **separate sealed compartment underneath the ALS compartment with access via a separate door**; wired parallel in OEM configuration that complies with Ford QVM and KKK-A-1822-F requirements. Batteries will be wired so that both will always be used for starting and controlled by a 300 amp power cut off switch. The power cut off switch circuit shall be protected by a 250 amp fuse. The Ford ignition key shall activate the power cut off switch. Power can be provided to the module without the engine running by turning the ignition key to accessory position.

COMPLY? YES ____ NO ____

1.13 ALTERNATOR

Ford OEM 225 amp alternator with internal regulators.

COMPLY? YES ____ NO ____

1.14 WINDOWS, CAB

Tinted safety glass is installed in all exterior windows. Ford OEM power operated windows.

COMPLY? YES ____ NO ____

1.15 WINDSHIELD WIPERS

Two speed electric, with washer and adjustable intermittent cycle.

COMPLY? YES ____ NO ____

1.16 SEATS, DRIVER'S COMPARTMENT

Deluxe cloth OEM High Back Captain's Chairs, with inboard fold-down armrests, seat belts and shoulder harnesses. There will be a 6" recess behind the cab seats for tilting or reclining of the seats.

The Ford OEM cab seats must be the seats installed and shipped with the chassis by Ford and have the correct Ford prescribed serial number. The Ford OEM seat pedestals shall be located in the mounting location as determined by Ford. Any changing of the Ford OEM Seats, mounting pedestals or location thereof is absolutely prohibited.

COMPLY? YES ____ NO ____

1.17 HEATER AND AIR CONDITIONER, CHASSIS

OEM heavy duty, high output.

COMPLY? YES ____ NO ____

1.18 COOLING SYSTEM, ENGINE

Heavy-duty liquid system using a 50/50 mix of permanent type antifreeze and water for protection to (-)40 Fahrenheit.

COMPLY? YES ____ NO ____

1.19 MIRRORS, DRIVER'S

Dual OEM below-eye-level mirrors on foldaway arms with power adjustment shall be provided. The flat mirror shall be 65 sq. in. with a 10 sq. in. convex mirror located in the lower outside corner of the flat mirror. Both mirrors shall be mounted below eye level.

COMPLY? YES ____ NO ____

1.20 TRIM PACKAGE, CHASSIS

Exterior upgrade package; full stainless steel wheel simulators, chrome bumpers and grill, aero style headlights with Daytime running lights. Interior upgrade package; Color keyed door trim, color-keyed carpet and headliner, padded sunvisors, courtesy and dual dome lights, AM/FM/CD Stereo Radio with Clock. Power door locks, cruise control, tilt steering wheel.

COMPLY? YES ____ NO ____

1.21 RUNNING BOARDS AND MUD FLAPS

Heavy-duty aluminum diamond tread running boards shall be installed from the back of the front wheel opening to the front of the module box. They will include mudguards to protect the chassis and module. Rubber mud flaps will be installed behind the dual rear wheels.

COMPLY? YES ____ NO ____

1.22 MISCELLANEOUS CHASSIS ITEMS

Dual pitch horn, reduced sound level exhaust, OEM standard undercoating, dual air bags.

COMPLY? YES ____ NO ____

1.23 REMOTE ENTRY

Remote Entry with two key FOBs shall be included.

COMPLY? YES ____ NO ____

2.0 MODULE CONVERSION

2.1 DIMENSIONS, EXTERIOR

Overall vehicle length	268.0 inches
Overall vehicle height	107.5 inches
Overall module body length	168.0 inches
Overall module body height	87.0 inches
Overall module body width	96.0 inches

COMPLY? YES ____ NO ____

2.2 DIMENSIONS, INTERIOR

Length forward door to rear door	158.0 inches
Width interior wall to wall	90.0 inches
Width of aisle	51.0 inches
Height floor to ceiling	72.0 inches
Loading height	32.5 inches

COMPLY? YES ____ NO ____

2.3 GENERAL CONSTRUCTION

The entire body will be a welded and **SEAMLESS** one-piece body. The entire perimeter and around all openings of the body shall be fully welded and ground smooth thus eliminating any joints or seams. The use of tongue and groove method of construction that requires the use of a seam sealer is not acceptable. This is to prevent the cracking

of paint at these areas resulting in a buildup of road dirt and grime and the eventual development of corrosion along the tongue and groove seams.

COMPLY? YES ____ NO ____

The aluminum skin, the roof and side panels, shall be permanently fastened to the framework using Lord 406/19 Acrylic Adhesive. Adhesive is applied to the sidewall skin to prevent warp age, oil canning and metal deflection associated with the welding of the sidewall skin to the structural framework. The use of double back adhesive tape is prohibited to eliminate the possibility of the adhesive tape failing to maintain a bond to the external skin.

COMPLY? YES ____ NO ____

The body wall skin shall be of prime commercial quality .125" thick 3003 H14 corrosion resistant aluminum. All side and roof panels shall be .125" thick. The use of side and roof panels that are of a lesser thickness is strictly prohibited.

COMPLY? YES ____ NO ____

All side panels and the roof panel shall be a single sheet of aluminum. Covering the sidewall, front, rear or roof of the exterior body with sectional pieces of aluminum panels is prohibited. This is to eliminate the necessity for joints or seams where these panels join.

COMPLY? YES ____ NO ____

The wall and roof support framework shall be .125" 6061-T6 extruded aluminum box beams and extrusions spaced on 12" centers or less. There shall be no frame members spaced at a distance in excess of 12". The roof support framework shall additionally include .125" 6061-T6 extruded 1" x 2" aluminum box beams running the full length of the roof. The frame and skin shall be fully welded with no rivets.

COMPLY? YES ____ NO ____

The exterior of the body will be finished smooth with 45-degree **SEAMLESS** beveled extruded corners presenting a modern and dynamic appearance. The outer wall thickness of the extruded corners shall be .250" to provide additional protection at all corners. The body will be designed and built to provide impact and penetration resistance, with appropriate channel reinforcing to assure rigidity.

COMPLY? YES ____ NO ____

All parts of the body and attachments will be fastened together with rust resistant fasteners in a manner that will preclude loosening of any bolts and screws, and the cracking of welded joints. The exterior body panels will be made of not less than 0.125" thick metal and be reinforced at all points where equipment will be attached.

COMPLY? YES _____ NO _____

The body will be a bolted and welded structure. Welding will not however, be employed in the assembly of the body in a manner that will prevent the ready removal of any component part for service or repair.

COMPLY? YES _____ NO _____

In the assembly of the body, areas where steel is in contact with aluminum, there shall be rubber isolator pads installed. This pad provides corrosion and water resistance.

COMPLY? YES _____ NO _____

All fasteners, bolts, screws, etc used in the assembly of the body and all attachments shall be coated with the "ECK" brand corrosive protectant. Additionally, all exterior door hinges, both entry and compartment, are to be coated with "ECK" protectant prior to the installation of the door. This "ECK" coating is to be used in lieu of a gasket material behind the hinge to prevent the problems of gasket retention and deterioration.

COMPLY? YES _____ NO _____

The body will then be fastened to the cab with 32 1/4"-20 x 1" stainless steel bolts. The body sub-structure shall be fastened to the chassis frame with twelve (12) rubber mounting "pucks" and bolt assemblies designed for this purpose. Outriggers, 3 1/2" x 3 1/2" x 1/4" shall be bolted to the outboard side of the GM frame using 5/8" grade twelve (12) bolts.

COMPLY? YES _____ NO _____

2.4 ROOF

The roof surface shall be **SEAMLESS** and **CROWNED** and of **ONE PIECE** of .125" aluminum (3003-H14). The use of any type of sealer or caulking material is strictly forbidden. There shall be no lip or protrusion on the roof that could result in the entrapment of any water or moisture.

COMPLY? YES _____ NO _____

The perimeter of the roof shall be constructed of 45-degree **SEAMLESS** beveled extrusions that eliminate any lip or protrusion providing a smooth finish. The outer wall thickness of the roof perimeter extrusions shall be .250" to provide additional protection at all perimeter corners.

COMPLY? YES ____ NO ____

The roof under structure will be fabricated from extruded aluminum box beams (6061-T6). The under structure will be constructed by welding 1" x 2" x .125" box beams lengthwise and by welding 2" x 2" x .125" box beams, spaced on 12" centers or less, crossways forming a cross sectional grid roof support framework. The complete roof will be treated with a sound-deadening barrier. The roof panel shall be fully perimeter welded and adhesive bonded to the roof under structure with Lord 406/19 Acrylic Adhesive. The use of skip or intermittent welding of the roof perimeter is unacceptable.

COMPLY? YES ____ NO ____

2.5 SIDE WALLS

The body sidewall skin shall be constructed of .125" aluminum (3003 H14). The sidewall under structure will be fabricated by welding 2" x 2" x .125" extruded aluminum box beams vertically, spaced no further than on 12" centers. The vertical tubing will join and be welded to roof supports (2" x 2" x .125" extruded aluminum box beams) to form an interlocking grid between the sidewall and the ceiling. The complete sides will be treated with a sound-deadening barrier. The body sidewall skin shall be fully welded around the entire perimeter and all body openings and adhesive bonded to the sidewall frame work with Lord 406/19 Acrylic Adhesive.

COMPLY? YES ____ NO ____

All body openings shall be seamless. Body openings framed with tongue and groove style extrusions requiring the use of seam sealer will not be acceptable.

COMPLY? YES ____ NO ____

2.6 FLOOR SUB-STRUCTURE

The floor shall be at the lowest level permitted but not more than 32.5 inches from the ground with no modifications to the OEM chassis suspension.

COMPLY? YES ____ NO ____

The floor structure shall consist of 2" x 2" x .250" primary box beams running the full length of the module body and 2" x 2" x .125" secondary box beams running the entire

width of the body. The finished assembly shall be securely welded to the wall structures and exterior compartments. All critical load points will be reinforced with gussets.

COMPLY? YES ____ NO ____

2.7 EXTERIOR COMPARTMENT CONSTRUCTION

Compartments provided on the unit will be constructed as follows: The compartment floor will be fabricated of .125 diamond plate aluminum (3003-H14) and the ceiling and bulkheads of .100 diamond plate aluminum (3003-H14). All compartment floors will be reinforced with two 1x2 aluminum bars on the underside of the floor.

All exterior compartments will be sweep out style to provide for ease of cleaning. Drain holes are not desirable. All exterior compartments will be vented to provide for the displacement of air when closing doors. Vent louvers shall be installed on the vertical walls of the exterior compartments.

All exterior compartments shall be lighted when the compartment door is opened. Compartment lights will be flush mounted with wiring routed through the body eliminating any exposed wiring.

COMPLY? YES ____ NO ____

All exterior compartment shelving shall be "Pan" style aluminum shelves mounted on two (2) sets of uni-strut tracks at each end of the shelf providing infinite adjustment. Rubber matting is to be installed on the topside of all shelving.

COMPLY? YES ____ NO ____

2.8 DOORS

The corner of each door frame shall be ¼" Cast Aluminum inserted and welded to horizontal & vertical extrusions. This Cast part shall ensure superior strength as well as uniform fit & finish.

COMPLY? YES ____ NO ____

The door(s) of each compartment will be flush type (being on the level with adjacent body surface) and of **PAN FORMED / EXTRUDED DOUBLE BREAK** construction. The weather seal is to be mounted on the outer flange of the door with the latches and strikers mounted on the extruded second break inside the door opening. This door design eliminates exposure of the latches to the elements and prevents moisture from corroding the latch mechanisms.

COMPLY? YES ____ NO ____

All doors shall be constructed of .125 aluminum and 2 ½" thick.

COMPLY? YES ____ NO ____

The inner panel on all exterior compartment and entry doors will be fastened to the extruded door-frame and recessed into the door frame extrusion for a flush finish. Surface mounting of any interior door panels is not allowed. All fasteners used for the mounting of the interior panels are to have a rubber grommet affixed to the underside of the screw head to prevent the fastener screws from loosening and backing out of the extrusion. The interior door panels shall be readily removable for access to the interior of the door and the latching mechanism.

COMPLY? YES ____ NO ____

All doors shall be reinforced and cross-braced inside for increased strength allowing for the mounting of equipment on the door.

COMPLY? YES ____ NO ____

In order to facilitate adjustment and routine maintenance of door linkage rods and latches, all patient compartment entry doors shall have access ports. There is to be an access port above and one below each interior entry door handle of sufficient size to allow for the adjustment of the door linkage rods. Access ports shall also be provided for the lubrication of the slam latches located at the top and bottom of each entry door. All ports are to be covered with a friction type "plug-in" plastic cover that is readily removable.

COMPLY? YES ____ NO ____

The door latch assembly of each compartment will be an Eberhard Grabber 21100 series, two (2), point slam lock (206 rotary latch) of stainless steel construction. Door latch assemblies shall be "blind_mounted" eliminating any exposed mounting hardware on the exterior side of the latches. There is to be a rubber gasket between the exterior stainless steel latch assembly and the aluminum door to ensure the isolation of the two dissimilar metals.

The door linkage rods' connecting the door handles and the rotary latches are to be 5/32 steel rods threaded on the turn buckle end.. They shall be straight direct pull rods with no bends built into the rods allowed. Adjustments to the entry door linkage rods are to be provided by a turnbuckle located above and below and adjacent to each interior door handle.

COMPLY? YES ____ NO ____

All exterior doors are to be lockable via an "automotive style" lock with all compartment

and patient compartment entry doors being keyed alike. The key shall be double sided for ease of insertion into the lock.

COMPLY? YES ____ NO ____

Door strikers shall be installed on the vertical compartment flanges, with the exception of double doors. There are to be two (2) pins per door, with the exception of the battery compartment door. All striker pins shall be fully adjustable from the exposed side. They will be grade 8.0 cadmium plated steel strikers with a "captive nut" for adjustment and so located as not to interfere with the sweep-out design of the compartment itself.

COMPLY? YES ____ NO ____

All compartment and entry doors shall have one-piece Stainless Steel doorsill protector protecting both surfaces of the body opening.

COMPLY? YES ____ NO ____

Each compartment and entry door is to have a full width aluminum drip rail mounted above each door. All drip rails are to be attached using double back adhesive tape. The use of screws, rivets, or any other form of metal attachment is not acceptable.

COMPLY? YES ____ NO ____

All compartment doors will be equipped with a gas strut door stay that holds the door at 90 degrees to the body when open. All gas struts are to be mounted in such a way as to allow for easy access in the event that replacement or repair is required.

COMPLY? YES ____ NO ____

There shall be a "dampening" devise installed within each gas strut for the purpose of preventing the "shock" that can occur when a gas strut is fully extended.

COMPLY? YES ____ NO ____

Each compartment door will be mounted with a continuous stainless steel hinge with a minimum pin diameter of (.250). Hinge Pin diameter of less than (.250) is unacceptable to ensure the long-term performance of the hinge in this extreme use application.

COMPLY? YES ____ NO ____

Each compartment opening is to be sealed with full perimeter 5/8" wide by 1/2" thick hollow core wiper seal. The seal is to be mounted on the doorframe out board of the

striker pins and the door latches. This seal insures that each compartment will be dust and waterproof and that the striker pins and door latches will remain dry and clean.

COMPLY? YES ____ NO ____

All exterior compartment and patient compartment entry doors shall be insulated with a single layer of R-14.5 reflectics insulation. Additionally there shall be a single layer of 2" polystyrene insulation installed in each door.

COMPLY? YES ____ NO ____

Rear patient compartment doors shall be equipped with Cast Products "Grabber" hold-open devices. Side patient compartment door shall be equipped with Gas Strut door opening device.

Rear and side patient compartment doors shall have dark tinted safety glass windows encased in extruded aluminum frames. Each rear door shall have an 18.5" x 17.5" fixed window. The side door shall have an 18.5" x 17.5" slide opening window with screen and window lock.

Right side entry door opening: 69" H X 31" W
Rear entry door opening (double door): 62" H X 50" W

COMPLY? YES ____ NO ____

2.9 LICENSE PLATE HOLDER

Installed in the center of the rear kick plate above the rear step bumper there shall be a Cast Products license plate holder.

COMPLY? YES ____ NO ____

3.0 ELECTRICAL SYSTEM

3.1 ELECTRICAL SERVICE PANEL

All circuits shall be rated to carry at least 125% of its maximum load. Each circuit shall be protected by a manual reset circuit breaker.

Circuit breakers and relays shall be mounted in plug-in, pull out sockets that are permanently mounted in a printed circuit board for durability, as well as weight and space savings. Relays should be a type that is readily accessible at any auto parts store.

All circuit breakers shall be SEQUENTIAL SWITCHING interchangeable with standard ATC automotive fuses so that system can be quickly returned to service.

COMPLY? YES ____ NO ____

3.2 ELECTRICAL SERVICE PANEL ACCESS

The electrical service panel shall be mounted behind the hinged action wall and shall be easily accessible by activating a single latch allowing the switch panel section to swing down.

COMPLY? YES ____ NO ____

3.3 LOAD MANAGEMENT SYSTEM

The distribution panel shall include a solid-state programmable load management system designed to sense when the charging system is not keeping up with the electrical demand. When this situation exists, the load manager will automatically shut down warning lights, one at a time in a programmed sequence until the electrical load is being sustained without discharge. This system only functions when the unit is in park.

COMPLY? YES ____ NO ____

3.4 SEQUENTIAL SWITCHING

A solid state Sequential Switching System shall be installed that will turn emergency lighting on/off in staggered ½-second intervals. This is done to eliminate subjecting the alternator to sudden load and unloading of electrical draw.

COMPLY? YES ____ NO ____

3.5 ELECTRICAL WIRING

All the vehicle's electrical equipment shall be served by circuits separate and distinct from the chassis electrical system. All electrical wiring shall be run in grease, oil, heat and moisture resistant looming. Harnesses shall be fastened with vinyl-clad clamps and grouted at any area they contact a metal edge.

Every load carrying wire shall be a minimum of 12-gauge, and shall be color-coded and heat embossed with its function every 6 inches.

There shall be at least a 6-inch service loop of wire at the point of attachment to each component. All electrical connections shall be machine crimped; the use of Scotch-locks is strictly prohibited.

COMPLY? YES ____ NO ____

3.6 12V DC OUTLETS

There shall be two (2) Cigar style 12V DC outlets, one located in the action area, and one in the right front bulkhead ALS compartment. **Additionally, a 12V +/- shall be provided in the # 2 exterior compartment to power the districts flashlight.**

COMPLY? YES _____ NO _____

3.7 110V AC SYSTEM

There shall be a weatherproof 110V - 125V **Auto Eject male receptacle** rated at 20 amps with a spring-loaded cover assembly located on the front left corner of the module body for incoming 110-volt power. This receptacle shall be labeled. It shall be wired through one 15-amp circuit breaker. The circuit shall include **four(4) 110-volt interior receptacles**, one located in the action wall area, one in cabinet E over the front action area, one in the ALS area, and one in the chassis cab behind the drivers seat. All outlets shall illuminate per KKK-A-1822-F.

COMPLY? YES _____ NO _____

The 110V system shall also include a Pre Wire for a Vanner #1050 inverter with built in battery conditioner with remote switch.

COMPLY?.....YES _____ NO _____

3.8 LIGHTING, EMERGENCY

The unit shall be equipped with a Vanner #3860 flasher and the following warning lights:

(9) Whelen Series 9 x 7 **LED** lights as follows:

- (2) Facing rearward at top at outer corners, **Super LED** one blue, one red.
- (2) Facing rearward at mid level, amber **Super LED**
- (2) Facing right Red **LED** on the forward side and Blue **LED** on the rear upper corner
- (2) Facing left Red **LED** on the forward side and Blue **LED** on the rear upper corner
- (1) Facing rear at top center over doors, **red with brake override**

(2) Whelen Series 7 x 3 Red **LED** lights mounted in the front fenders

(2) Whelen Series 7 x 3 Red **LED** over rear wheels

(4) Whelen Series 500 Red **LED** mounted in the grill above the front bumper.

There shall be seven (7) Whelen 7x3 Super LED lights across the front of the body at the roof line. Six (6) shall be red or blue. One (1) center, shall be clear.

All lights shall have Chrome Flanges and Clear Lenses.

Circuit shall have a dual mode switch. "Primary" shall flash all lights. "Secondary" shall flash top red & amber lights only.

COMPLY? YES _____ NO _____

3.9 SCENE LIGHTS

There shall be four (4) Whelen Series 9 x 7 with 13-degree tilt built into the lenses mounted two (2) lights on the left side and two (2) lights on the right side. There shall be two (2) Whelen Series 9 x 7 with 13-degree tilt built into the lenses mounted on the rear. A separate switch on the driver's switch panel shall control each pair. In addition, the right side and rear scene lights shall activate when the right side or rear doors, respectfully, are open.

COMPLY? YES _____ NO _____

3.9.1 DOOR SWITCHING

Magnetic Door Switches shall be installed to activate Door Open, Compartment Open, Dome and Scene Lights via a PC Board.

COMPLY? YES _____ NO _____

3.10 SIREN AND SPEAKERS

Siren shall be a Carson Mfg SA 400 with Wail, Yelp, Hi/Lo and Phaser sounds. Cast SA-6011 center mount speakers shall be installed in the bumper with the speaker driver being mounted behind the bumper. Siren speakers must be mounted in accordance with QVM.

COMPLY? YES _____ NO _____

Additionally, the ambulance shall be equipped with Grover Brand Air Horns mounted below the front bumper. There shall be a 5 gallon holding tank.

COMPLY?.....YES_____NO_____

3.11 SPOTLIGHT

There shall be a "300,000 candle power" spotlight, with eight foot coiled cord and momentary switch, permanently wired into front console. A "Mic" style storage clip shall be provided.

COMPLY? YES _____ NO _____

3.12 LIGHTS, PATIENT COMPARTMENT

The ceiling headliner shall contain eight (8) Whelen High - Low intensity **LED dome lights**. The left and right banks of lights shall be switched separately. In addition, the left

bank high mode can be switched from the drivers switch panel and will be activated by opening of the side or rear entry doors. There shall be a **timer switch installed in the right wall** at the head of the squad bench. The timer switch will allow the left bank of Dome Lights to turn on even when the master switch is in the off position.

In addition, a 10" LED light shall be in the action area.

COMPLY? YES ____ NO ____

3.13 CLOCK, PATIENT COMPARTMENT

A battery-powered, **digital atomic clock** shall be located above the squad bench on rear wall and shall be visible from all seat locations

COMPLY? YES ____ NO ____

3.14 SUCTION - ON BOARD

An **Scor suction system, with recessed canister** in the wall below the action area, shall provided.

COMPLY? YES ____ NO ____

3.15 VENTILATION

A 138-CFM exhaust fan shall be mounted near the ceiling in the left rear of the patient compartment and shall be activated by a switch on the action wall.

COMPLY? YES ____ NO ____

3.16 SWITCH CONSOLE, DRIVER'S

There shall be a one-piece molded console mounted on the OEM engine cover. The console shall be easily removable from the engine cover to allow access for servicing the engine. There shall be space provided for the installation of dual cup holders or radios below the switches and gauges. The switch panel shall be molded, aesthetically appealing, and incorporate modern switches and gauges as follows:

- Master Switch
- Load Manager/Sequencer
- Primary/Secondary
- Siren/Horn
- Left Scene
- Rear Scene
- Right Scene
- Rear Dome Lights
- Back up Alarm Disable
- Silent Intercom Lights

Door Ajar Light
Compartment Open Light
Voltmeter, Digital
Air Horn

Directly behind the front switch console shall be a storage console for maps, notebooks, radios. This design is specific to Callaway County EMS and must be duplicated.

COMPLY? YES ____ NO ____

3.16.1 LOW VOLTAGE ALARM

A Low Voltage Alarm shall sound when voltage drops below 11.8 volts for more than 120 seconds.

3.17 SWITCH CONSOLE, PATIENT COMPARTMENT

The following switches shall be in the rear control panel that shall be hinged for easy access to components. They shall be mounted in a single row at an angle facing the center of the cot and the squad bench.

Left Dome High/Low
Right Dome High/Low
Silent Intercom Switches
Driver Buzzer
Exhaust Fan
Checkout Lights
Thermostat Control for Heat/A.C.
Heat/A.C. Fan Control, 3 speed.

COMPLY? YES ____ NO ____

All switches in front and rear panels shall be positive contact rocker type switches that are permanently marked by function, illuminate when activated and backlit for night visibility. Each switch must be independently replaceable to eliminate the need for replacement of the entire switch panel in the event of a single switch failure.

COMPLY? YES ____ NO ____

4.0 PATIENT COMPARTMENT

4.1 FLOOR, PATIENT COMPARTMENT

The subfloor shall consist of .090" thick 3003 H14 corrosion resistant aluminum sealed watertight. Over the aluminum sub-floor there shall be a sheet of 3/4" exterior grade plywood that is caulked and sealed.

COMPLY? YES ____ NO ____

The floor is then to be covered with a single piece of commercial-grade, Lon Plate, Anti Skid, which shall roll up the left wall and the squad bench approximately 3". Behind the linoleum at the base of the left wall and the squad bench, coving shall be installed providing a solid backing at the point of the bend in the floor. This coving shall run the full length of the left wall and the squad bench. Flooring shall be sealed at all edges to prevent water from seeping between the floor and cabinets.

COMPLY? YES ____ NO ____

A formed 6 inch, full width stainless steel floor protection strip shall be installed forward of the rear patient compartment door seal. Additionally antiskid tape, 2 inch wide, is to be laid the full width just inside the rear entry doors over the floor protection strip.

COMPLY? YES ____ NO ____

4.2 CABINETS, INTERIOR

All interior cabinets shall be built using 3/4" cabinet grade, seven layer plywood. The use of plywood of any lesser quality or thickness is strictly prohibited.

COMPLY? YES ____ NO ____

All interior cabinets shall be constructed using wood screws. The use of staples or nails in the fastening of cabinet components is strictly prohibited.

COMPLY? YES ____ NO ____

Exposed cabinet surfaces, interior and exterior, are to be covered with "Wilsonart" laminate. All cabinets and counter tops shall be caulked and sealed. Cabinets shall incorporate 1-inch aluminum radius corners throughout and have generous padding to lessen the chance of injuries in the event of an accident. Sliding Plexiglas windows shall be 1/4" thick with full height extruded aluminum handles mounted in full perimeter slide track. Door catches shall be flush-mount slam-type positive latching.

COMPLY? YES ____ NO ____

4.2.1 CABINETS, LEFT WALL

Cabinets shall be designed with a **composite style countertop for the attendant in the front action area. At the rear of this countertop shall be an IV pole for fastening pumps and equipment to.** Storage cabinets shall be located in the left rear, above the CPR seat, and above the action area. **The cabinets in the rear and the cabinet over the action area shall have tilt-up “speed load” doors. Each of these cabinets shall also have an adjustable shelf.**

COMPLY? YES ____ NO ____

The action wall shall house the technician's console, two oxygen outlets, vacuum outlet, climate control thermostat and fan control, one 12-volt connection and one lighted 110V duplex outlet. The upper action wall area, shall be hinged for ease of access.

COMPLY? YES ____ NO ____

4.2.2 BULKHEAD CABINETS

The driver side cabinet shall incorporate a floor mounted climate control unit. Unit shall drain directly through the floor. Air in-take shall be at floor level, while output shall be ducted overhead, across the bulkhead cabinets. The return air shall be filtered. Directly above the climate control unit shall be a storage area.

A horizontal cabinet shall be located above EMT seat at ceiling level. **This cabinet shall have three plexiglass dividers. To the right side shall be a Norcold Refrigerator. Above the ALS cabinet will be a locking drug box with inner additional locking door inside.** The inside/outside access cabinets shall extend to floor level with two adjustable shelves, and **two café’ style full-length doors.** The inside/outside cabinet shall be lighted at each shelf level with recessed lighting. The face of the overhead bulkhead cabinet doors shall be padded.

The bulkhead shall incorporate a pass through window from the front to the rear. A plexiglas window with slides shall be installed in lieu of standard door.

COMPLY? YES ____ NO ____

4.2.3 SQUAD BENCH CABINETS

Two cabinets shall be mounted at the ceiling level directly over the entire length of the squad bench. They shall have sliding Plexiglas doors. There must be a minimum of 43” from the bottom of these cabinets to the top of the squad bench cushion. **Directly in front of the squad bench cabinets, and over the side entry door, will be a five compartment glove storage compartment.**

COMPLY? YES ____ NO ____

4.2.4 SQUAD BENCH

The squad bench base shall be constructed of .075" gauge stainless steel for strength and ruggedness. The lid shall be split into two sections. Each lid will have a gas strut hold open device and paddle style latches. . **In addition to the two "cross over" belts provided to secure a backboard, a belt shall be added at the foot of the bench to prevent a backboard from sliding forward.** The interior shall be lined with white Wilsonart laminate. Cushions shall be vacuum-formed seamless.

Directly above the squad bench, will be a Dry Erase marker board for technician use.

At the head of the squad bench there shall be sharps and waste containers with flip up lids. There shall be an access door on the forward side of the bench just inside the entry door.

A Safety Net shall be installed at the head of the squad bench. The net shall have seven mounting points and shall be removable.

COMPLY? YES ____ NO ____

4.3 SEAT, EMT / ATTENDANT

An attendant seat shall be located at the head of the primary cot. It shall be a high back deluxe seamless vinyl captain's chair, **with built in child safety seat, mounted on a box pedestal with storage underneath and a locking door.** Seat belt shall be included for attendant safety.

COMPLY? YES ____ NO ____

4.3.1 SEAT, CPR

A sidewall seat comprised of 3 molded cushions will be mounted in the center of the left wall with lift up seat for storage below. A seat belt shall be provided for attendant safety. Cushions shall be vacuum-formed seamless. One-inch Cushions shall be installed on three sides of the Head Area.

COMPLY? YES ____ NO ____

4.4 UPHOLSTERY

All door panels, seat cushions, and protective pads shall be constructed of fire-retardant foam, covered with a minimum of 40-ounce marine-grade vinyl.

COMPLY? YES ____ NO ____

All seat and back cushions in the patient compartment shall be vacuum-formed seamless.

COMPLY? YES ____ NO ____

4.5 HEADLINER

The headliner shall be constructed of padded white vinyl in three sections, with the center section being removable to gain access to wiring.

COMPLY? YES ____ NO ____

4.6 PANELING, INTERIOR

Exposed surfaces shall be mar, dent and scratch resistant. Walls shall be covered with high pressure Wilsonart laminate material.

COMPLY? YES ____ NO ____

4.7 GRAB RAIL, OVERHEAD

Two full-length stainless steel handicap style 1 1/2" diameter grab rails shall be installed on patient compartment ceiling. Rails shall be capable of supporting a minimum of 300 pounds.

COMPLY? YES ____ NO ____

4.8 GRAB HANDLES, DOORS

All entry doors will have a matching heavy duty stainless steel handicap style 1 1/2" "V" bar grab handle that will be securely mounted slightly below the window. These Bars shall be treated with Agion Anti-Bacterial Coating.

COMPLY? YES ____ NO ____

4.9 STAINLESS STEEL SIDE WALL

The lower left aisle wall shall be .060 stainless steel from action shelf down to floor. The stainless steel shall be installed after the coven floor is in place. The stainless steel will be installed over the edge of the rolled floor. This will eliminate the seam and possibility of fluid retention.

COMPLY? YES ____ NO ____

4.10 COT MOUNT

A Ferno-Washington Model 175-4 cot fastener shall be installed.

COMPLY? YES ____ NO ____

4.11 INSULATION

The entire patient compartment, walls and ceiling, shall be blanketed with two layers of reflectics insulation. **Additionally, the walls and ceiling Reflectics insulation shall be separated by a layer of Styrofoam producing a “sandwich” effect. Additionally, a layer of Reflectics shall be installed below the floor. This “severe weather” insulation design is to provide exceptional insulation and sound deadening qualities. To make certain the insulation stays in place, all insulation in the vertical walls is to be glued in place. A layer of the Reflectics shall also be installed in the floor.**

COMPLY? YES ____ NO ____

All exterior compartment and patient compartment entry doors shall be insulated with a single layer of R-14.5 reflectics insulation. Additionally there shall be a single layer of 2” polystyrene insulation installed in each door.

COMPLY? YES ____ NO ____

4.12 CLIMATE CONTROL

Rear climate control shall be floor mounted in driver side bulkhead cabinet to shorten refrigerant and anti-freeze hoses and eliminate vertical circulation. Condensation from high humid conditions shall drain directly through floor. Air intake shall be at floor level; output shall be at ceiling level with return air at floor level for increased airflow. Return air shall be filtered.

The unit shall be a Pro-Air with 32,000 BTU cooling capacity and a 35,000 BTU heating capacity. The blower motor shall have permanent magnets and be capable of delivering 630 CFM of airflow.

A thermostat shall control both heating and cooling with 3-speed manual fan control. The thermostat and fan control shall be located on the action wall.

COMPLY? YES ____ NO ____

4.13 SHARP'S CONTAINER

A wall mounted Sharp’s container will be located at the rear of the action area.

COMPLY? YES ____ NO ____

4.14 OXYGEN OUTLETS

Oxygen system shall be plumbed with conductive hose from oxygen compartment to two Allied oxygen outlets in the action area, a third over the cot mounted in the ceiling, and a fourth in the wall at the head of the squad bench.

COMPLY? YES ____ NO ____

5.0 EXTERIOR BODY

5.1 REAR WHEEL WELL TRIM

The rear wheel wells shall be trimmed with stainless steel fenderettes that shall be attached to the body with stainless steel fasteners. There shall be a gasket placed between the aluminum body and the stainless steel fenderette for isolation of the dissimilar metals.

COMPLY? YES ____ NO ____

5.2 RUB RAILS

There shall be bolt on clear anodized extrusion rub rails with a wall thickness of (.187). They shall run the full length of the body and be mounted at the base of each side of each side of the body. The rub rails shall be spaced ¼ inch from the body with Delrin spacers. **A blue reflective tape shall be inserted into the rub rail.**

COMPLY? YES ____ NO ____

5.3 BUMPER, REAR STEP

The rear step assembly shall be constructed of 1 3/4" X 1 3/4" tubular steel frame bolted to the chassis frame. The center section shall be non-skid grip strut that will allow mud and snow to fall through the step. **Across the back of this step will be strip of white reflective tape.** The ends shall be constructed of diamond plate end caps with 18" X 4" X 4" heavy-duty rubber dock bumpers.

COMPLY? YES ____ NO ____

5.4 DOOR STEP, SIDE

The side doorstep shall be formed of aluminum diamond tread and shall be flush sweep out style. Antiskid tape, 2 inch wide, is to be laid the full width of the step just inside the entry door. Additionally there shall be a formed 3-inch, full width stainless steel floor protection strip installed over the flooring at the top of the step. An LED step well light is to be installed on the forward vertical wall of the step well with the wiring to be pulled through the backside of the step well. The lower side of the step well shall be covered with Hush Mat to reduce road noise.

COMPLY? YES ____ NO ____

5.5 STONE SHIELDS

Diamond plate stone shields shall be installed on the front edge of the module body directly behind the cab at skirt level. These shields shall extend up the front of the box approximately 16 inches.

COMPLY? YES ____ NO ____

5.6 EXTERIOR COMPARTMENT CONFIGURATION

NOTE: See Drawings for Exact Compartment Location and Dimensions

#1 OXYGEN / BACKBOARD COMPARTMENT

Dimensions 80”H x 18”W x 19”D

The left front (street side) exterior compartment shall contain a “Zico” nylon triple collar bracket to house one “M” size oxygen cylinder. The O2 tank is to be stored in the aft side of the compartment. There shall be an interior access door to allow the attendant to turn the oxygen tank valve on/off from the patient compartment. A separate O2 compartment light shall be provided for the purpose of viewing the tank O2 gauge and be switched on/off from the action panel. A wrench is to be provided for changing the tank regulator. This wrench is to be secured in the compartment with a cable and mounted to the compartment wall when not being used.

This compartment shall have an aluminum divider located between the O2 tank and the backboard storage side of the compartment. A shelf is to be installed from the divider to the compartment aft wall above the O2 bottle.

The forward side of the compartment is to provide storage for two (2) backboards and shall have rubber “nerf” strips, two (2) on the floor and two (2) on the back wall of the compartment, for the protection of the backboards. There shall be a seat belt style-retaining strap installed for the purpose of securing the backboards.

On the forward wall of the compartment there shall be a removable panel approximately 8” square in size located opposite of the shoreline plug. This panel, when removed, provides access to the shoreline plug when service or replacement is required.

COMPLY? YES ____ NO ____

#2 GENERAL STORAGE COMPARTMENT

Dimensions 36”H x 46”W x 19”D

This compartment shall be located street side between the #1 compartment and the left side drive wheels and is to be used for general storage. There is to be a double door on

this compartment with the secondary door latch being located on the inside of the door. For ease of opening, the secondary door latch shall be equipped with a stainless steel handle extension that is visible and readily accessible from the outside of the compartment.

There shall be a full width, full depth aluminum "pan" style storage shelf installed in the compartment. The shelf is to be mounted on two (2) sets of infinitely adjustable uni-strut tracks at each end of the shelf with rubber matting covering the topside of the shelf.

COMPLY? YES _____ NO _____

#4 STREET SIDE REAR COMPARTMENT

Dimensions 40"H x 37"W x 19"D

The left rear street side exterior compartment shall be for the storage of a stair chair and child seat.

COMPLY? YES _____ NO _____

#5 CURBSIDE BACKBOARD COMPARTMENT

Dimensions 80"H x 14"W x 19"D

The right rear curb side exterior compartment shall be a single door full height vertical compartment for the purpose of storing a minimum of two (2) backboards, and miscellaneous other related equipment. The compartment is to be divided equally with an aluminum divider. There shall be a shelf located on the forward side of the divider approximately 5' above the floor.

COMPLY? YES _____ NO _____

#6 GENERAL STORAGE COMPARTMENT

Dimensions 21"H x 24"W x 19"D

This compartment is to be located on the curbside forward of the #5 compartment and rearward of the right side rear wheels. This compartment is to provide exterior storage for miscellaneous equipment under the rear portion of the squad bench.

There shall be a full width, full depth aluminum "pan" style storage shelf installed in the compartment. The shelf is to be mounted on two (2) sets of infinitely adjustable uni-strut tracks at each end of the shelf with rubber matting covering the topside of the shelf.

COMPLY? YES _____ NO _____

#7 ALS IN/OUT ACCESS

Dimensions 46"H x 18"W x 19"D

There shall be a single full-length door located at the right front (curbside) allowing for In/Out access to the ALS interior cabinet. This door shall also provide access to the battery storage compartment located under the ALS cabinet.

There shall be two full width, full depth aluminum "pan" style storage shelves installed in the compartment. The shelf is to be mounted on two (2) sets of infinitely adjustable uni-strut tracks at each end of the shelf with rubber matting covering the topside of the shelf.

COMPLY? YES _____ NO _____

5.7 LIGHTING, DOT

The vehicle shall be equipped with halogen daytime running headlights and two amber park/turn lights on the front. The Module Body shall have at least 11 LED clearance lights with each light having four (4) LED's and grounded via a ground wire". Each top front corner shall have amber lights mounted on the front and side of each corner. There shall be three red lights at the top rear center of the module. Each top rear corner shall have red lights mounted on the rear and side of each corner. There shall be three amber lights mounted on the top front center of the module above the light bar.

The rear of the module box shall have two Whelen 4" x 6" series amber LED arrow turn lights, two Whelen 4" x 6" series red LED tail/brake lights, two Whelen 4" x 6" series reverse lights. They will be mounted in chrome flanges on the modular body above the diamond plate in the above listed order top to bottom. Mounting of these lights shall be as far outboard on the rear of the module body as possible.

All lights shall be installed and located as per I.C.C. requirements.

COMPLY? YES _____ NO _____

6.0 BODY FINISH

6.1 PAINTING PROCEDURE

An extensive 12-step painting process is to be followed and strictly adhered to as follows:

Prior to paint all doors, chrome trim, lights, handles, steps, and all other attached equipment shall be removed to assure the paint process covers the entire body. No Weather-stripping will be attached to the body during the paint process.

COMPLY? YES ____ NO ____

The entire outside of the body shall be sanded with a minimum of 180 grit sandpaper and cleaned and deburred of all rough edges. The entire body shall then be wiped clean with PPG DX436 wax and grease remover prior to painting.

COMPLY? YES ____ NO ____

The body shall then be coated with (1) coat of PPG Delfleet Evolution F3993 Epoxy Primer followed by (2) coats of PPG Delfleet Evolution F3975 Urethane Primer. Once the primer has been applied the entire unit shall be baked at 150 degrees for a minimum of 30 minutes. The primer shall then be sanded prior to the application of the topcoat.

COMPLY? YES ____ NO ____

Once the application of the primer has been completed, a topcoat consisting of (2) coats of PPG Delfleet Evolution FBC Color Coat is applied followed by (2) coats of PPG Delfleet Evolution F3921 Clear coat for a durable long lasting high gloss finish. The entire unit shall then be baked a second time at 160 degrees for a minimum of (45) minutes.

COMPLY? YES ____ NO ____

After the body paint procedure is completed a two color three stripe heart beat design that matches the existing fleet, shall be applied at midline forming a continuous band around the vehicle.. This band is to be painted with (2) coats of PPG Delfleet Evolution FBC Color Coat followed by (2) coats of PPG Delfleet Evolution F3921 Clear Coat.

COMPLY? YES ____ NO ____

The final step shall then be to apply Rubberized undercoating to the underside of the cab and the body in strict adherence to Ford QVM guidelines and the KKK-1822- E Specification just prior to delivery.

COMPLY? YES _____ NO _____

Warranty shall be a full 5-year / 100,000 mile **NON-PRORATED** Modular Paint Warranty.

COMPLY? YES _____ NO _____

6.2 DECALS, STAR-OF-LIFE

There shall be DOT approved decals provided as follows:

- (2) 6" Star-Of-Life
- (2) 12" Star-Of-Life
- (2) 16" Star-Of-Life
- (1) 36" Star-Of-Life
- (1) 4" Mirror-Image "AMBULANCE"
- (3) 6" AMBULANCE"
- (2) 6" DIAL 911

Identifying lettering and descriptive decals and Chevrons are the responsibility of CCAD.

COMPLY? YES _____ NO _____

7.0 PAYLOAD

7.1 PAYLOAD

There shall be a minimum of 3300 lbs. of usable payload. Weight determination shall be made with standard unit, full complement of fuel, fluids and spare tire. Any optional equipment shall be deducted from payload.

COMPLY? YES _____ NO _____

8.0 MISCELLANEOUS EQUIPMENT

8.1 DECALS, NO SMOKING & OXYGEN EQUIPPED

There shall be two NO SMOKING and two OXYGEN EQUIPPED signs, one each in the cab and one each in the patient compartment.

COMPLY? YES _____ NO _____

8.2 I.V. HOLDERS

There shall be two recessed, swing-up dual I.V. bag holders mounted in patient compartment headliner. The holders shall be Cast Products # IV-2008 (KKK-1822-E Approved).

COMPLY? YES ____ NO ____

8.3 ANTENNA PRE-WIRE

Two pre-wire antenna coaxial cables delivered to a location to be determined at pre build conference.

A customer supplied GPS cables will be installed with the location to be determined at a pre build conference.

COMPLY? YES ____ NO ____

8.4 WIRING SCHEMATIC

There shall be a complete **SPECIFIC** wiring schematic showing all circuits, including optional equipment included in the owner's manual.

COMPLY? YES ____ NO ____

8.5 BACKUP CAMERA

A backup camera shall be installed on the rear of the truck with the color monitor mounted in the cab in lieu of the factory rear view mirror.

COMPLY?.....YES ____ NO ____

9.0 WARRANTY

9.1 WARRANTY

Three year / 36,000 mile Product Conversion Warranty
Six-year / 72,000 mile Electrical System Warranty
Five-year / 100,000 mile **NON-PRORATED** Modular Paint Warranty
LIFETIME Modular Body Structure Warranty

There shall be no pro-rating allowed for any portion of the above listed warranties.

COMPLY? YES ____ NO ____

10.0 REQUIREMENTS OF THE MANUFACTURER

10.1 KKK-A-1822-F CERTIFICATION

This unit shall meet all KKK-A-1822-F specifications and the manufacturer shall have current documentation of compliance with all KKK-A-1882-F standards.

COMPLY? YES ____ NO ____

10.2 AMD MEMBERSHIP

The manufacturer shall be a current member in good standing of the Ambulance Manufacturers Division (AMD) of the National Truck & Equipment Association (NTEA). The unit shall be built in compliance with all AMD "Standards".

COMPLY? YES ____ NO ____

10.3 REMOUNTING AND REFURBISHING

The manufacturer must be capable of remounting and / or refurbishing used units. The facilities for such purpose shall be located at the manufacturer's primary location. The subcontracting of remounting and refurbishing is strictly prohibited.

COMPLY? YES ____ NO ____

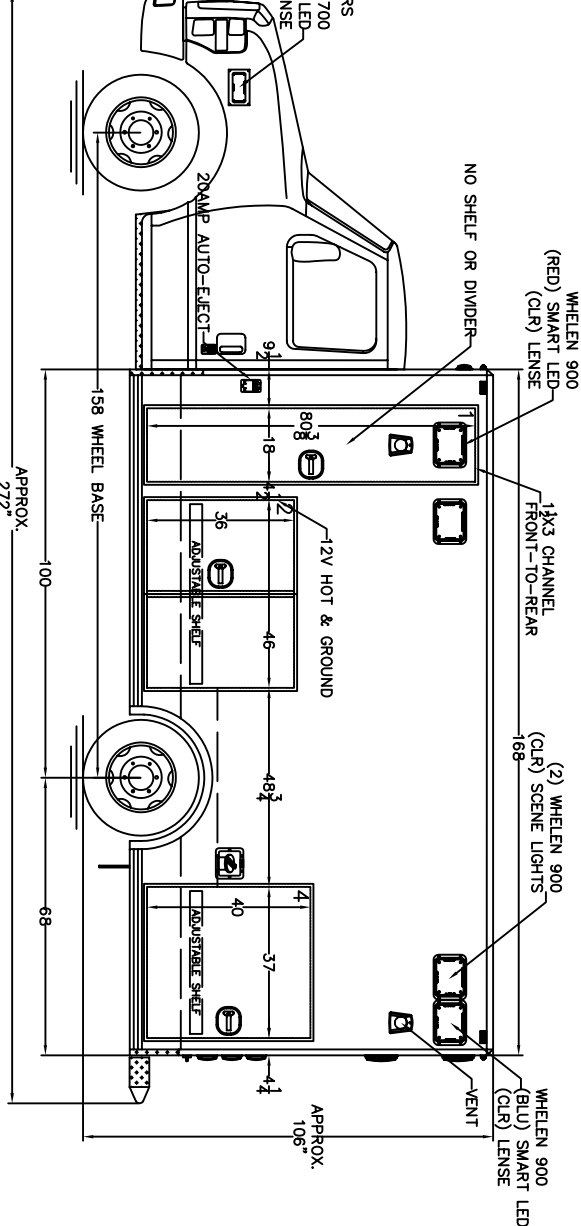
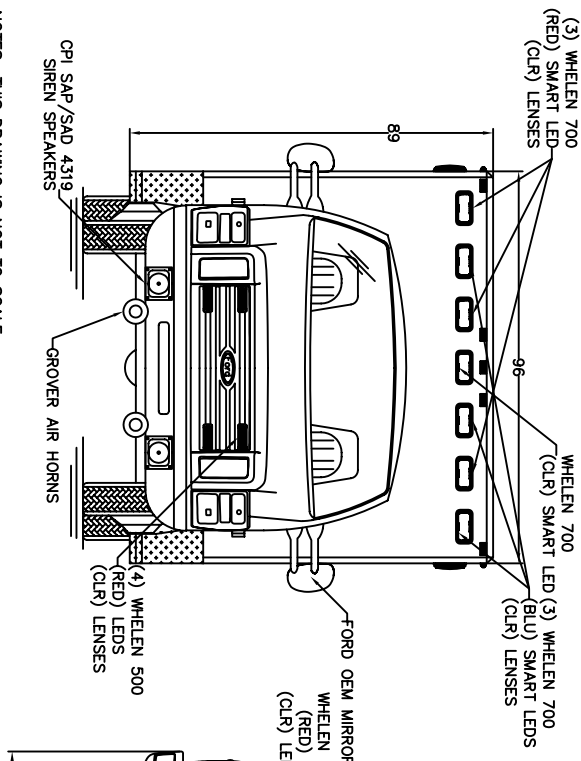
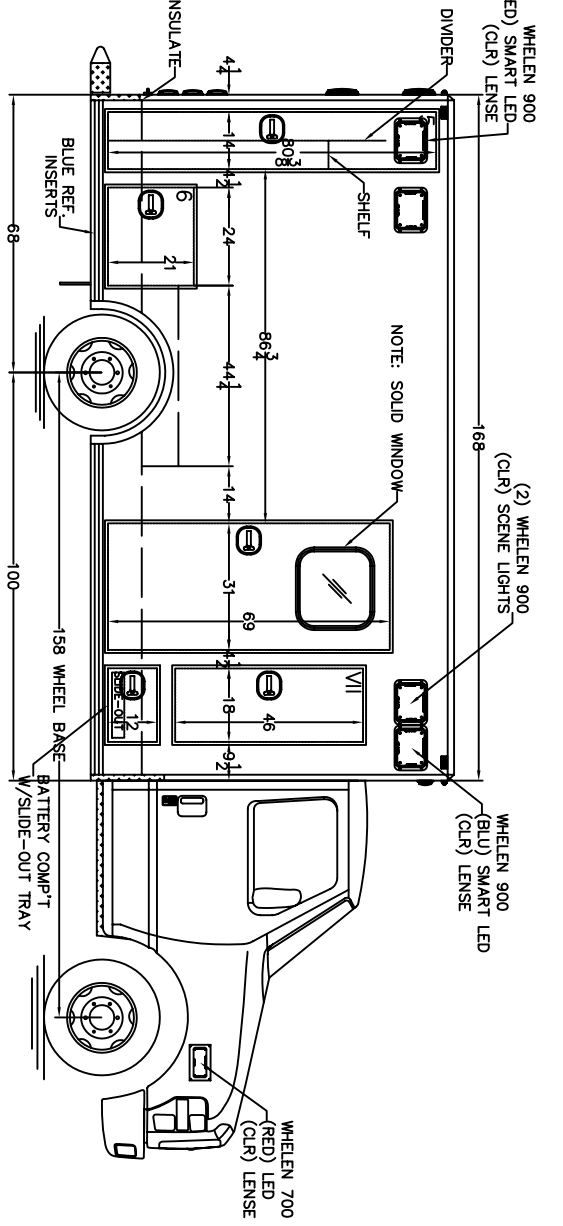
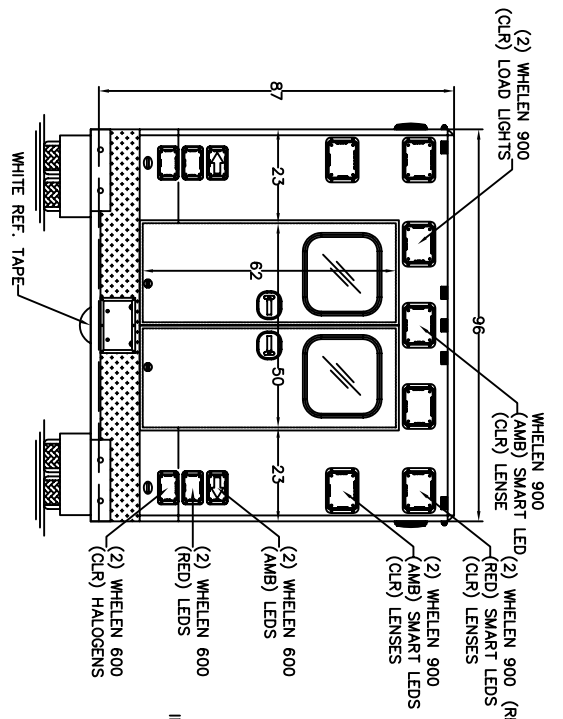
10.4 INSURANCE

The manufacturer shall include proof of product liability insurance of at least \$10,000,000.

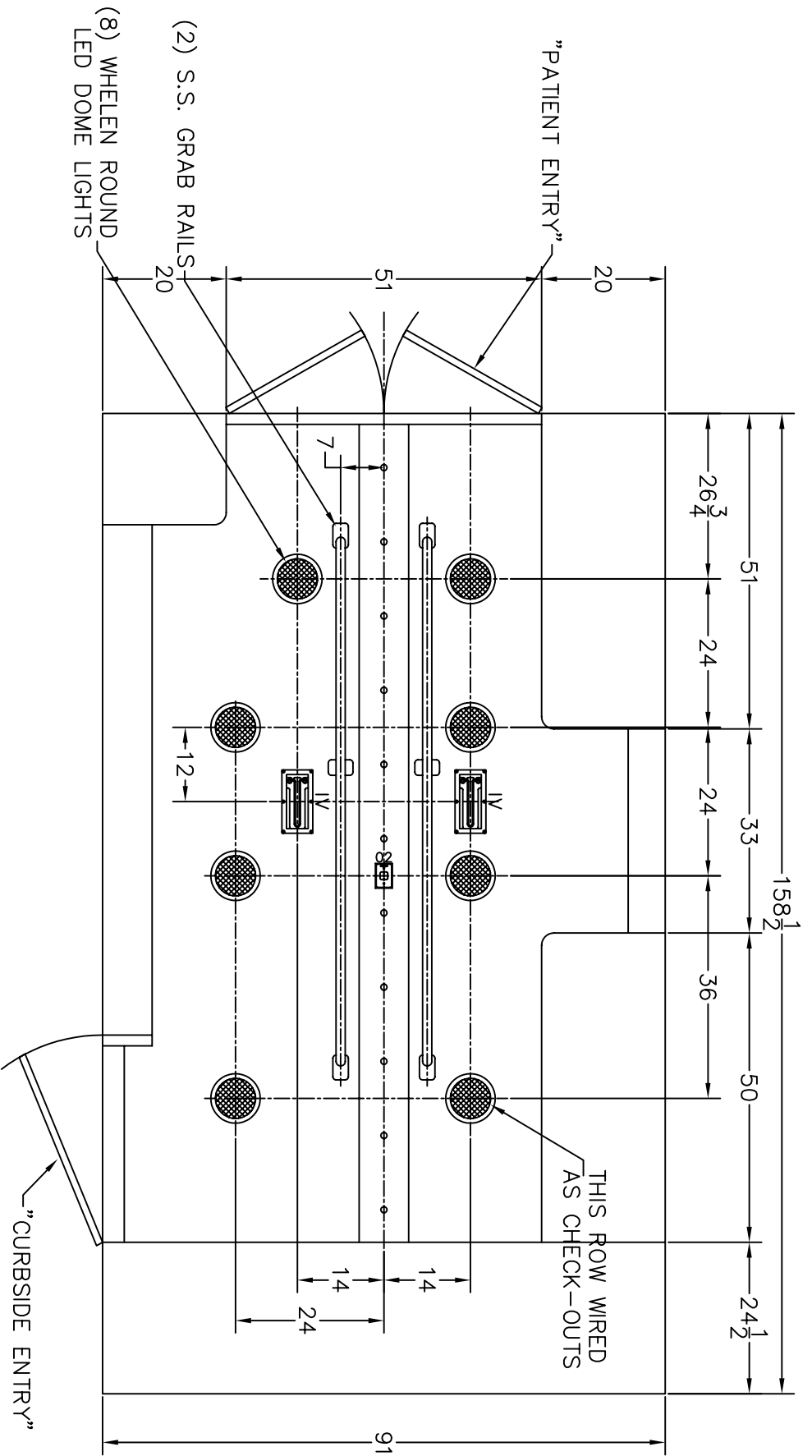
10.5 PRE-CONSTRUCTION CONFERENCE

The successful vendor will conduct a pre-build conference for two members of the purchaser at the manufacturer's factory. There shall be no additional cost to the purchaser for this meeting.

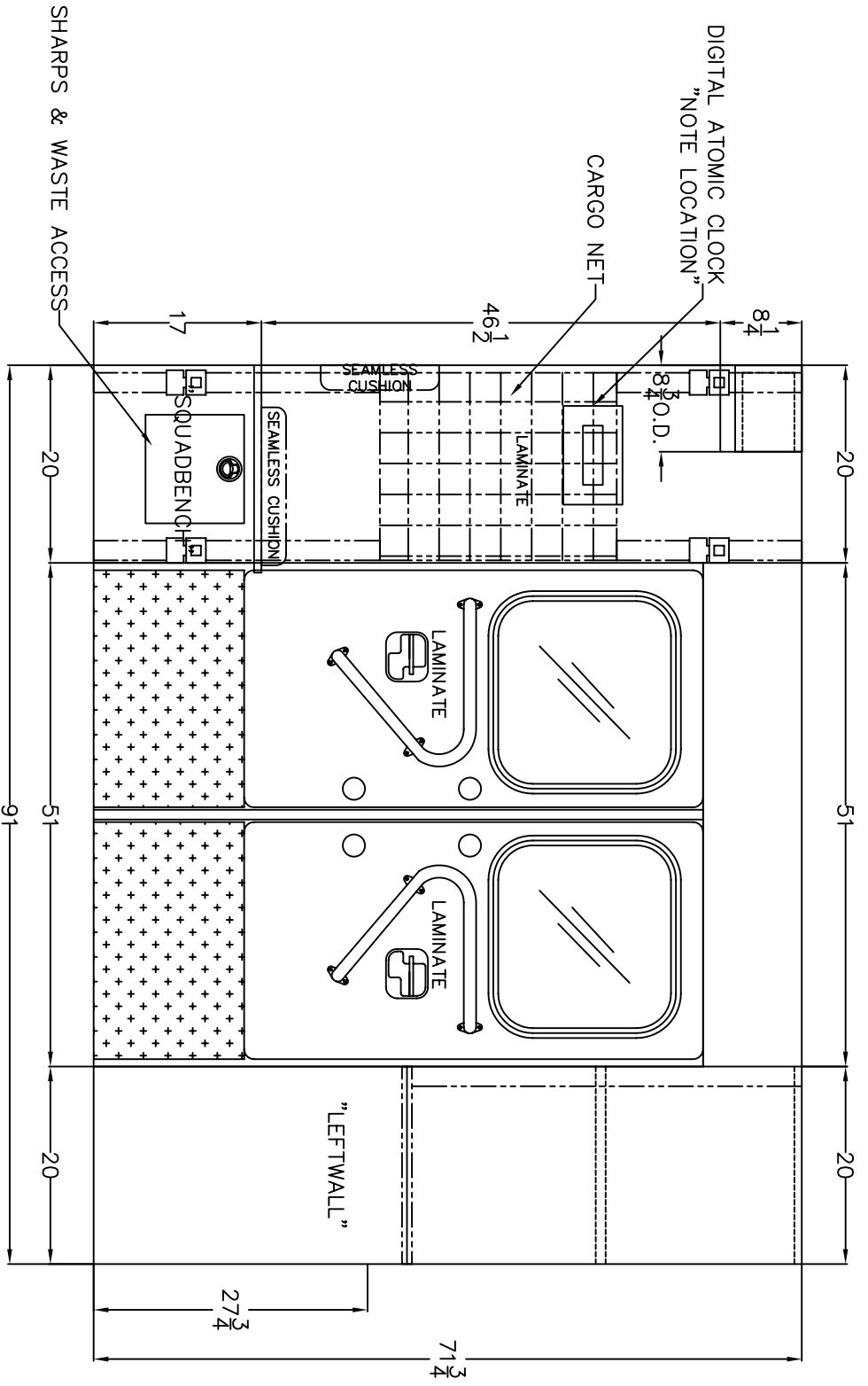
POSITIVELY NO EXCEPTIONS ALLOWED TO SECTIONS 9.1 THROUGH 10.5



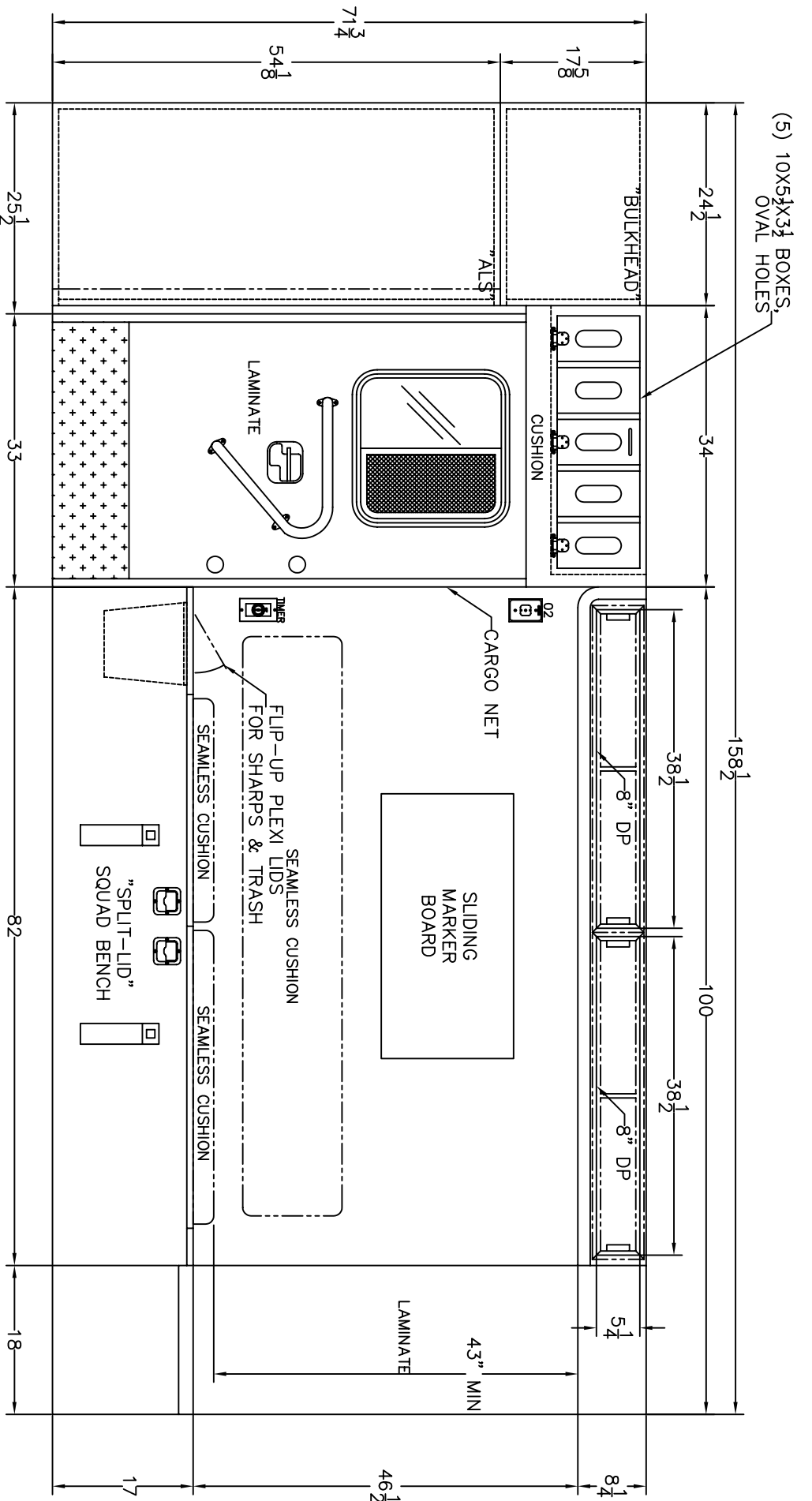
- NOTES: THIS DRAWING IS NOT TO SCALE. CHARACTERISTICS AND DIMENSIONS OF FINISHED PRODUCT MAY VARY.
- NOTES:
- 1) COMPARTMENT DIMENSIONS REFLECT OPENING CLEARANCE.
 - 2) APPROXIMATE COMPARTMENT DEPTH=19"DEEP.
 - 3) MODULE DIMENSIONS=168"L x 96"W x 89"H.
 - 4) INTERIOR MODULE HEAD ROOM=72"H.
 - 5) ALL 9x7 LIGHTS TO BE WHELEN 900 SERIES LIGHTS, CHROME FLANGES.
 - 6) DOUBLE STAINLESS THRESHOLDS.
 - 7) STYROFOAM INSULATION, WALLS & CEILING.



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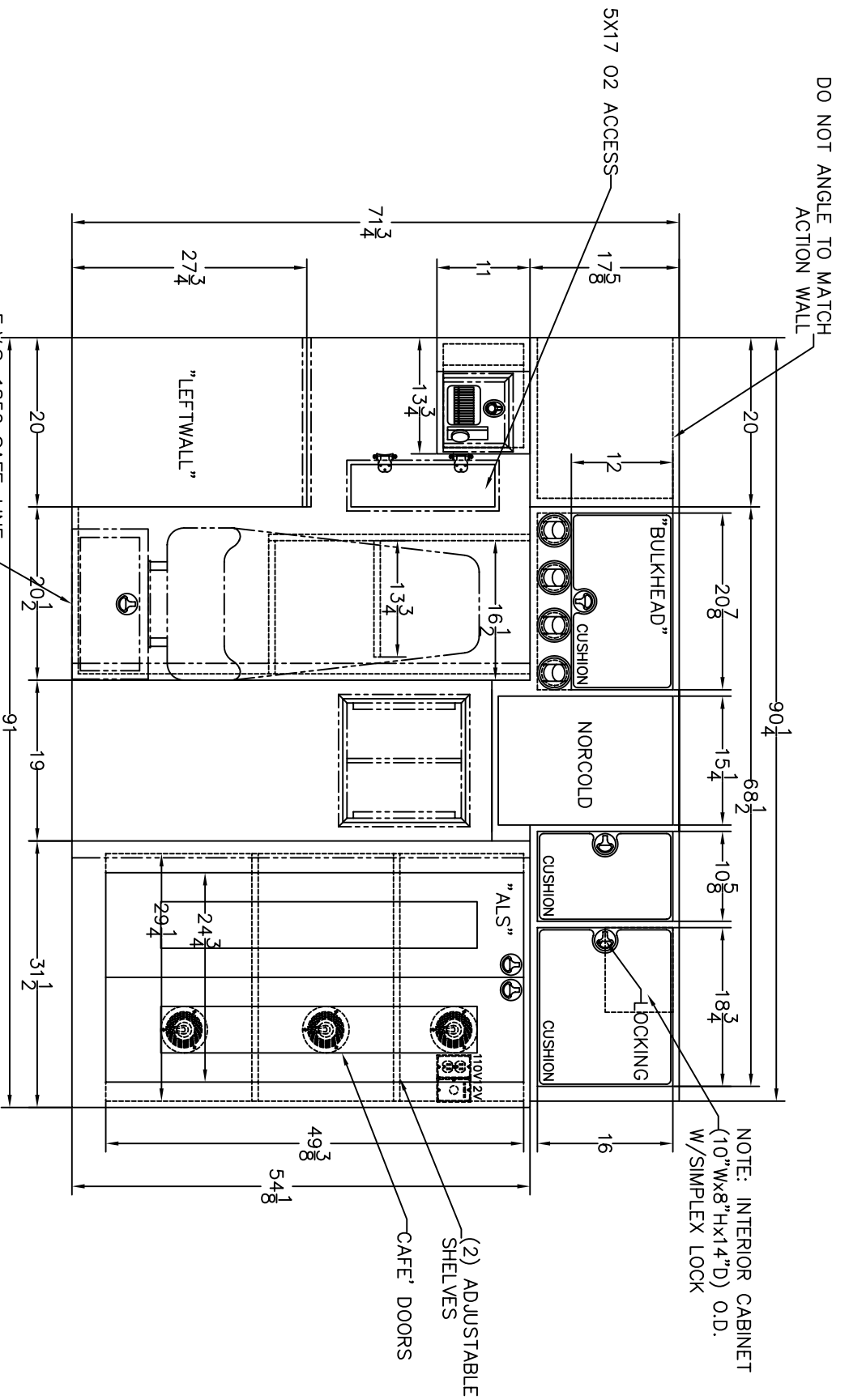


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 NOTES: CABINET DEPTHS REPRESENT DIMENSION FROM
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 ACTUAL WORKING DEPTH WILL BE LESS THAN DIMENSION
 SHOWN UNLESS OTHERWISE SPECIFIED.



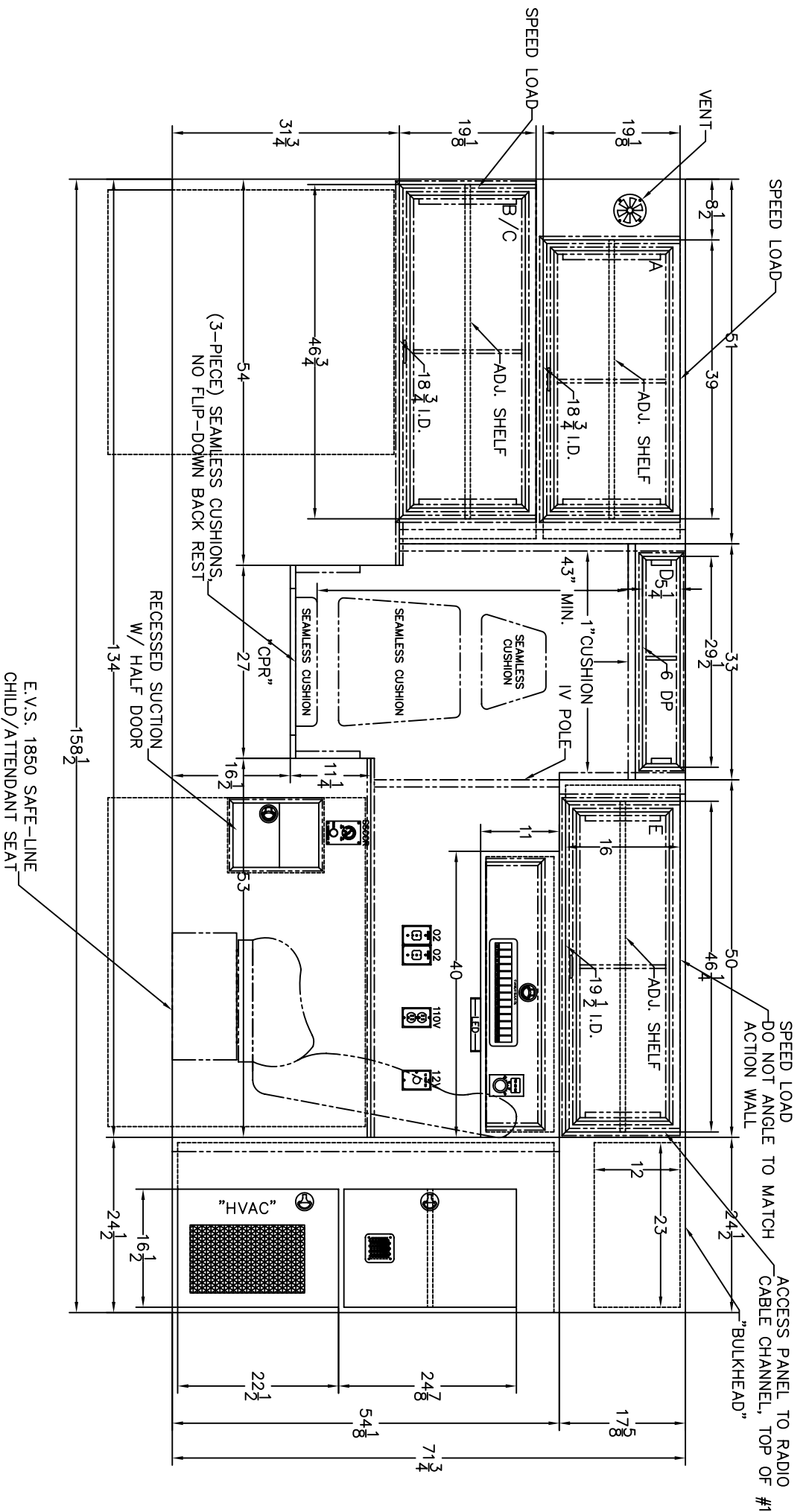
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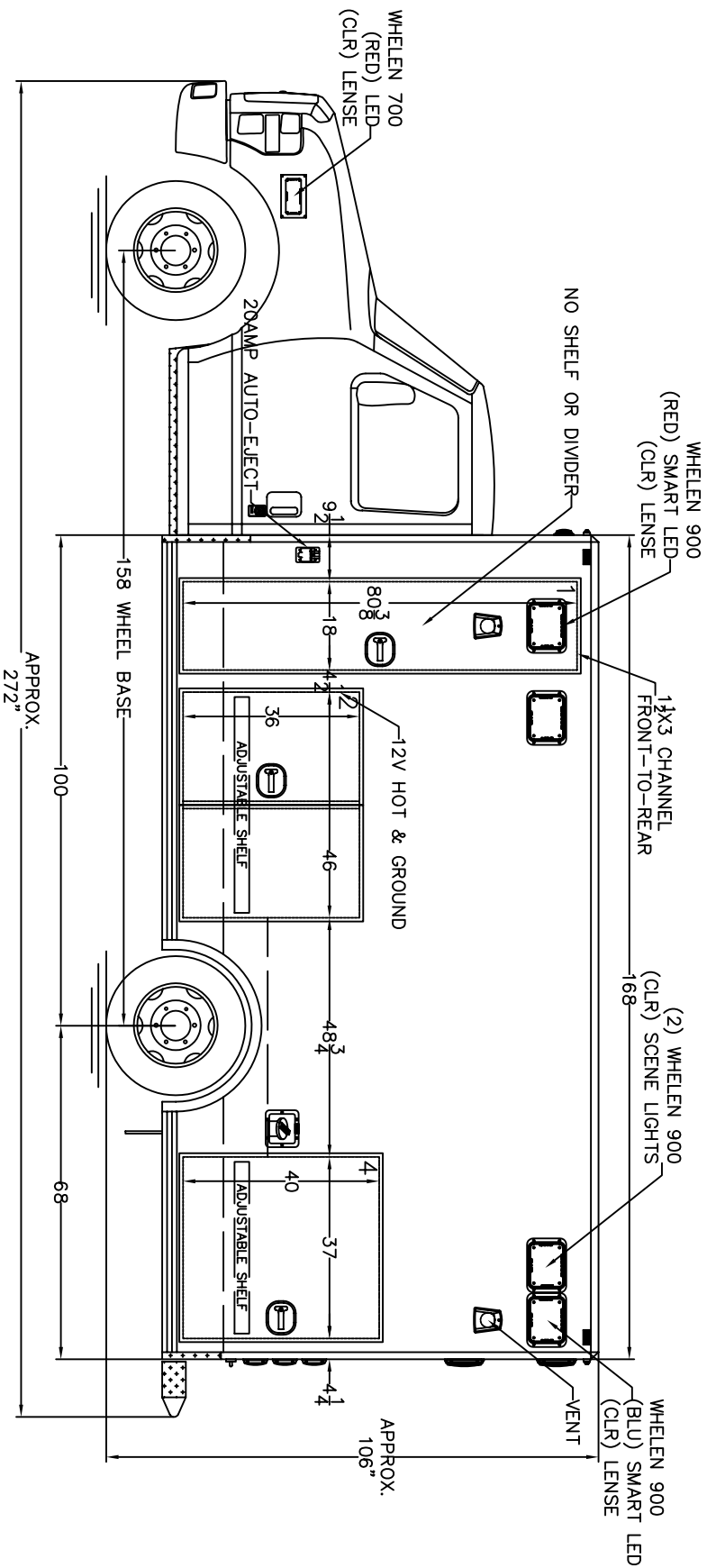
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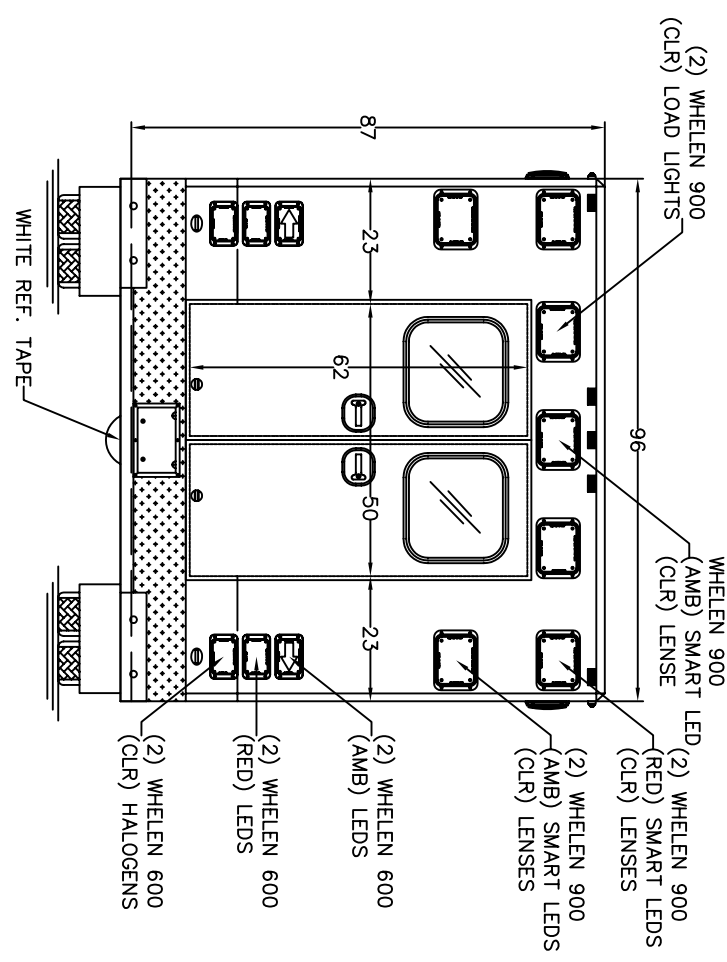
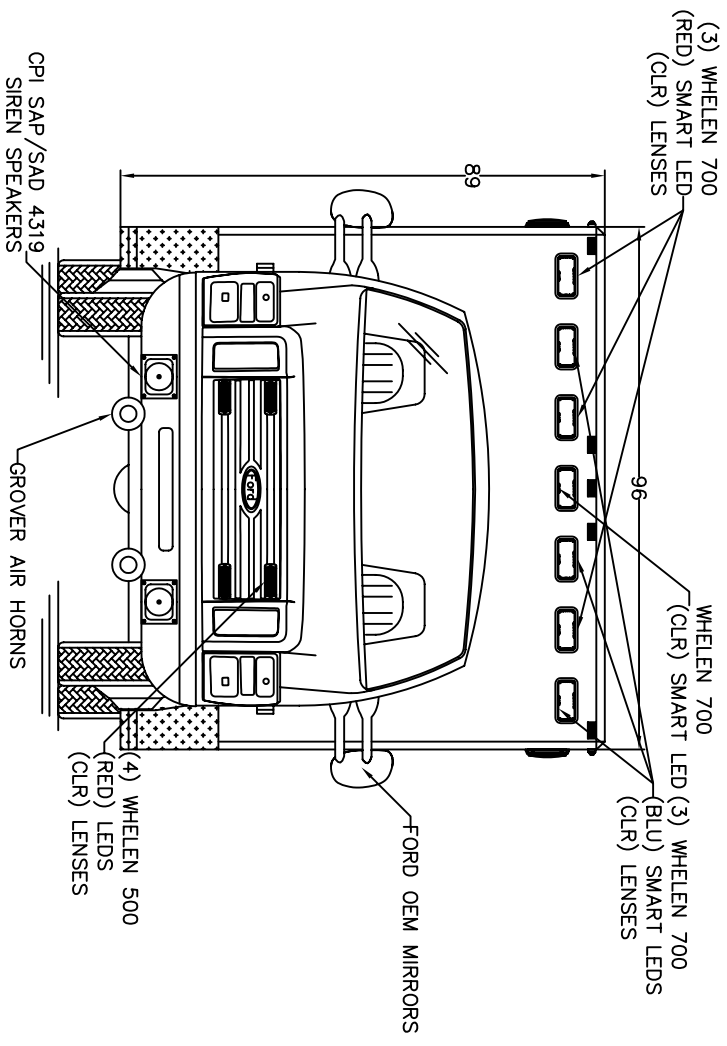
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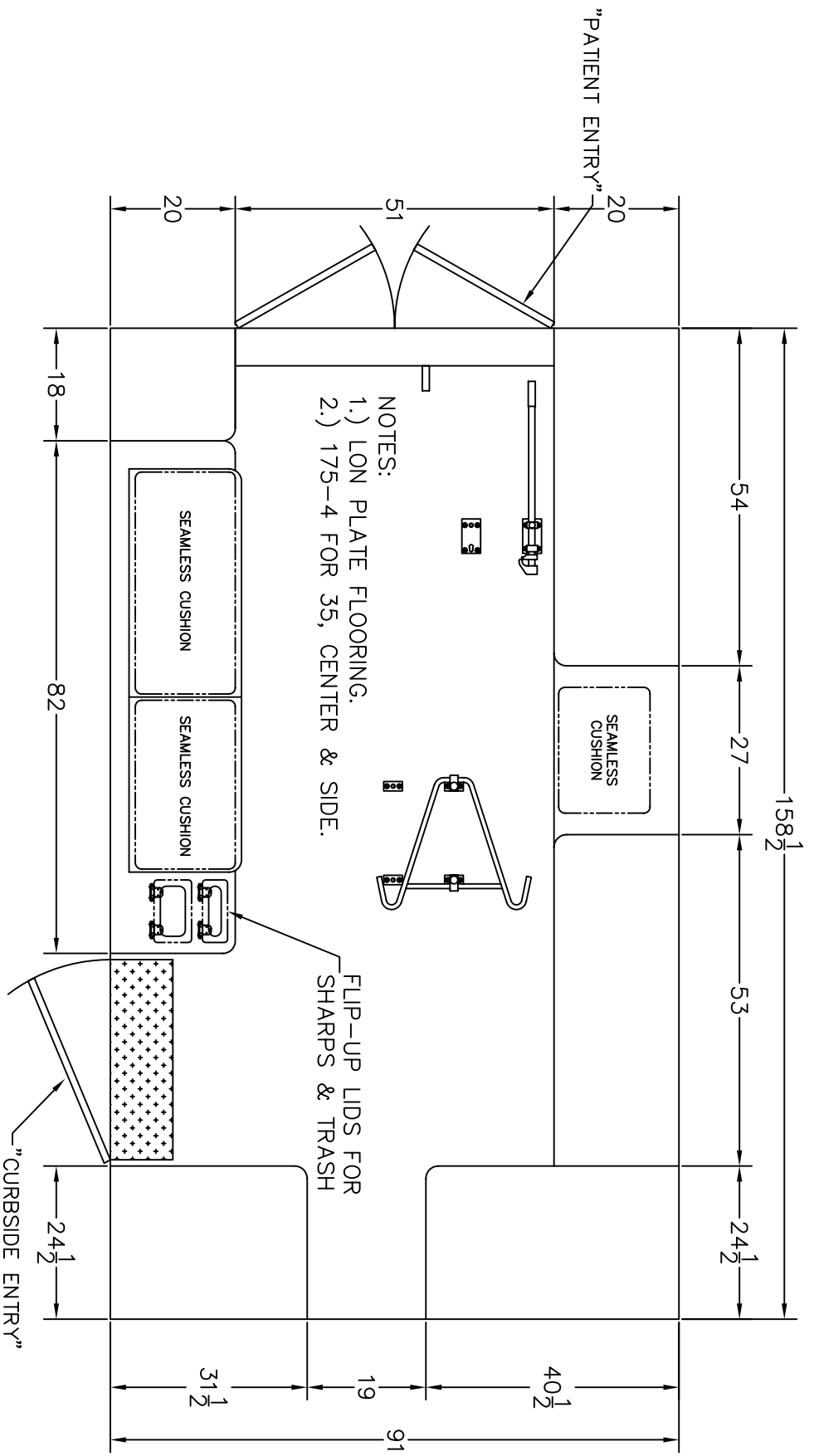
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