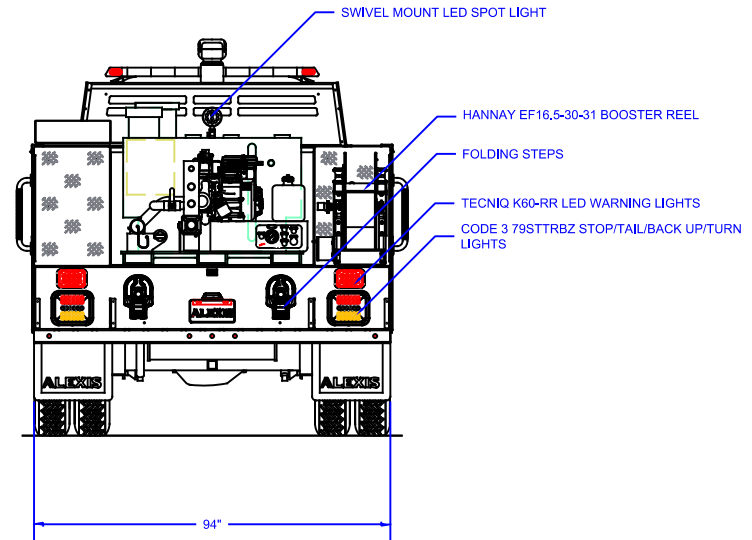
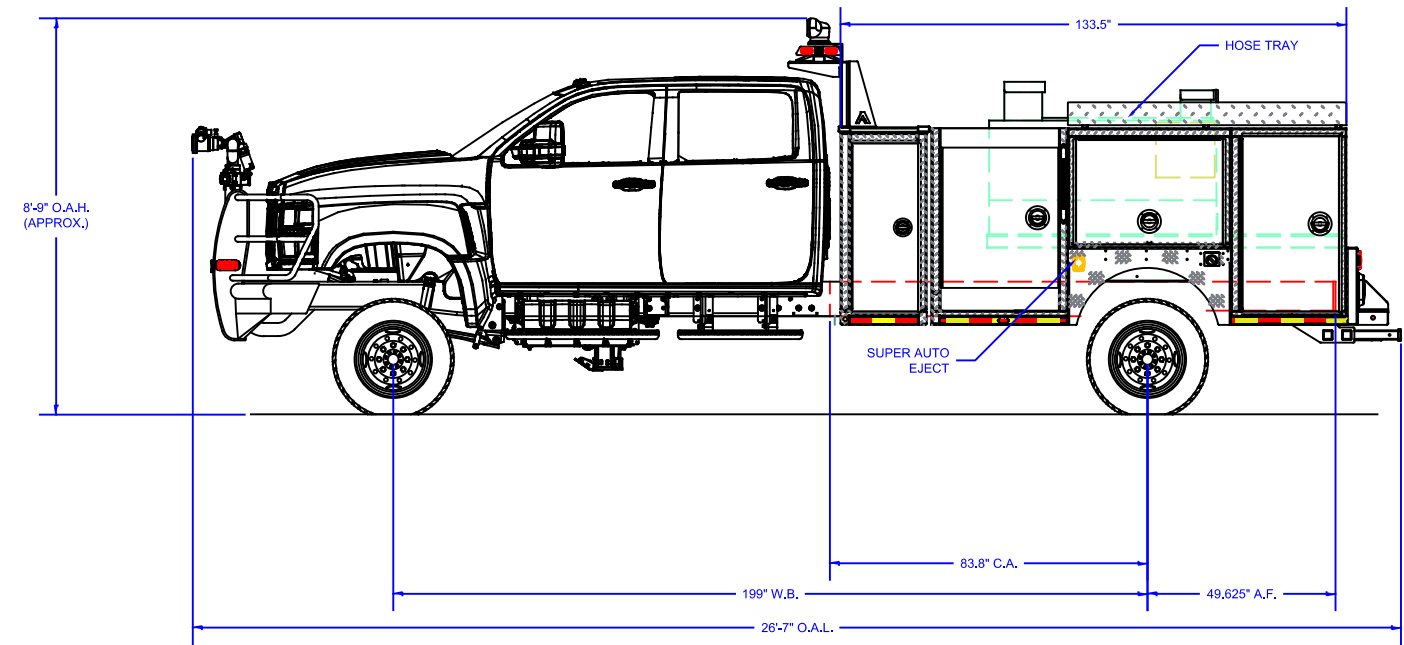
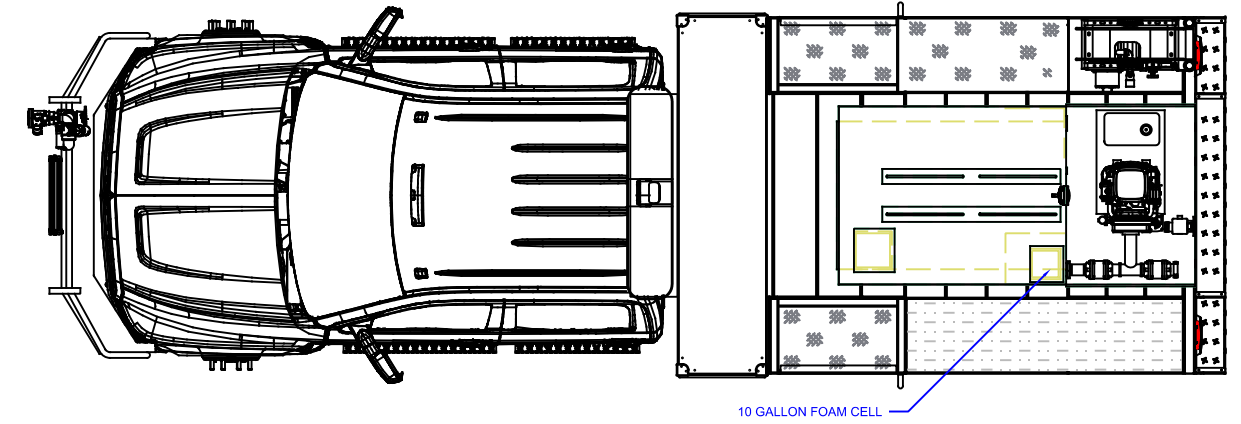
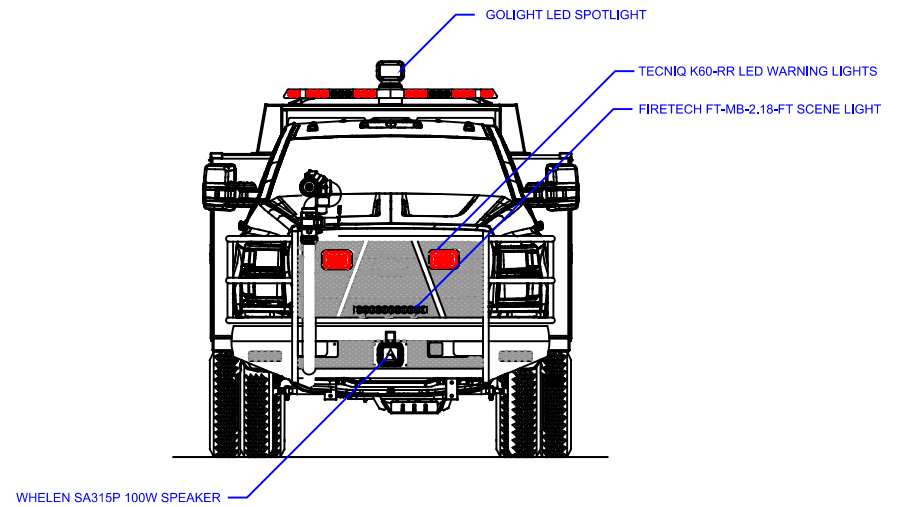
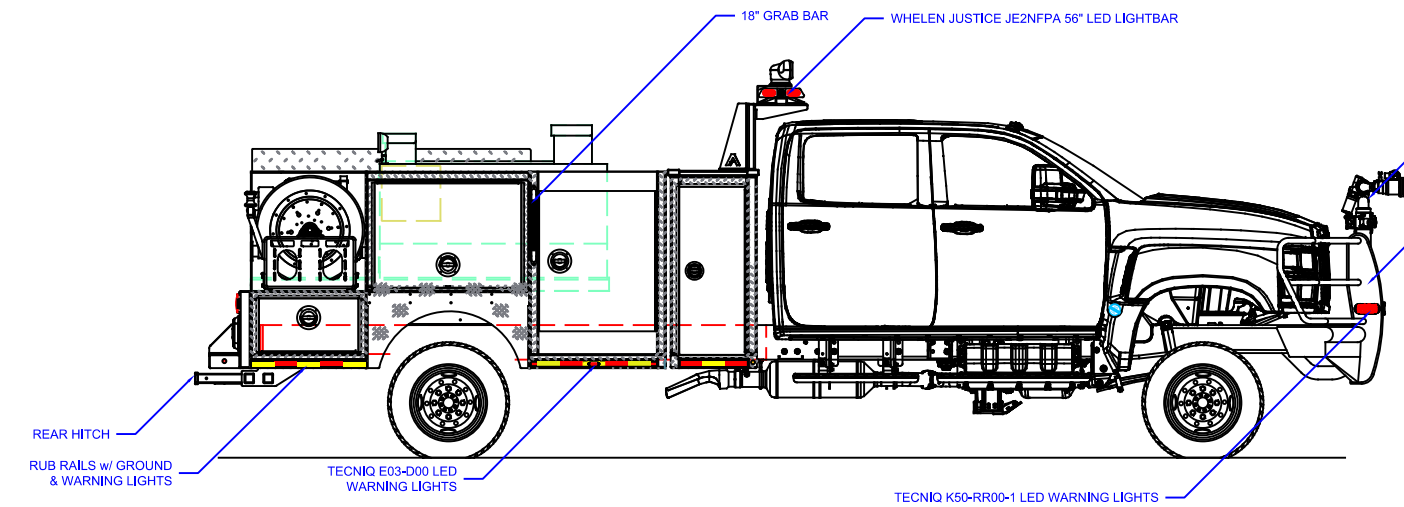


CUSTOMER APPROVAL SIGNATURE:

DATE:

AFE-S789

IN THE EVENT THERE ARE DISCREPANCIES BETWEEN THE DRAWING AND THE SPECIFICATIONS, THE SPECIFICATIONS SHALL PREVAIL.



REVISION HISTORY			
REV	DESCRIPTION	DATE	DWN

Pump Info:	Apparatus Type: Brush Truck
Control Location: Rear	Chassis: GMC 6500 4-DOOR
Pump Drive: None	Tank Capacity: 300
Pump Make: Skid - Gas	Material: Aluminum
Pump Model: None	
Pump GPM: 	

COMPARTMENT DIMENSIONS	
COMP #	DOOR OPENING SIZES
L1 & R1	15" WIDE X 42" HIGH X TRANSVERSE
L2 & R2	35" WIDE X 26" HIGH X 17" DEEP
L3	23" WIDE X 44" HIGH X 11"/17" DEEP
R3	23" WIDE X 12" HIGH X 17" DEEP

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE NOT CUMULATIVE

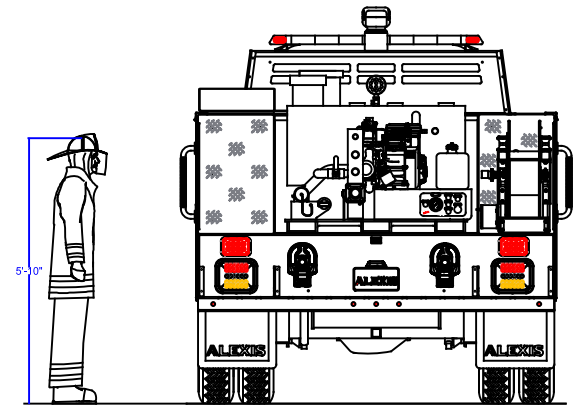
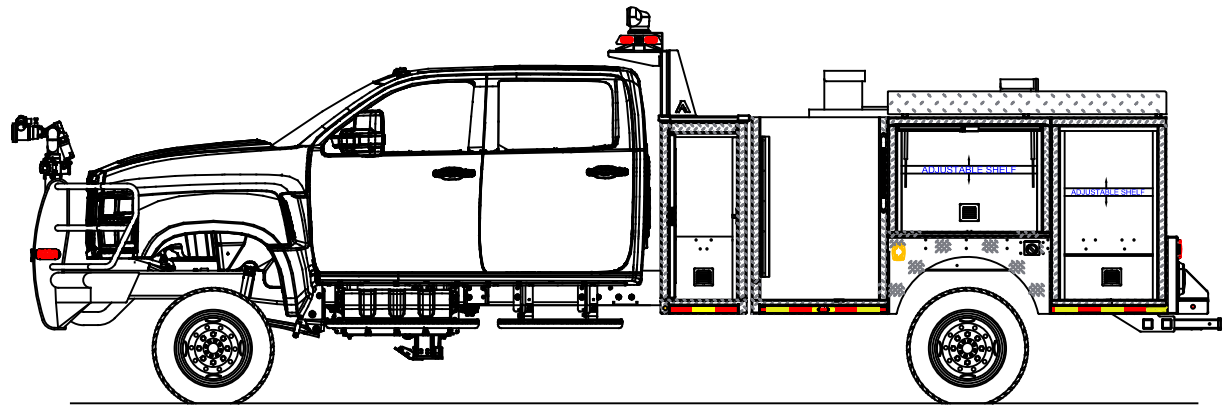
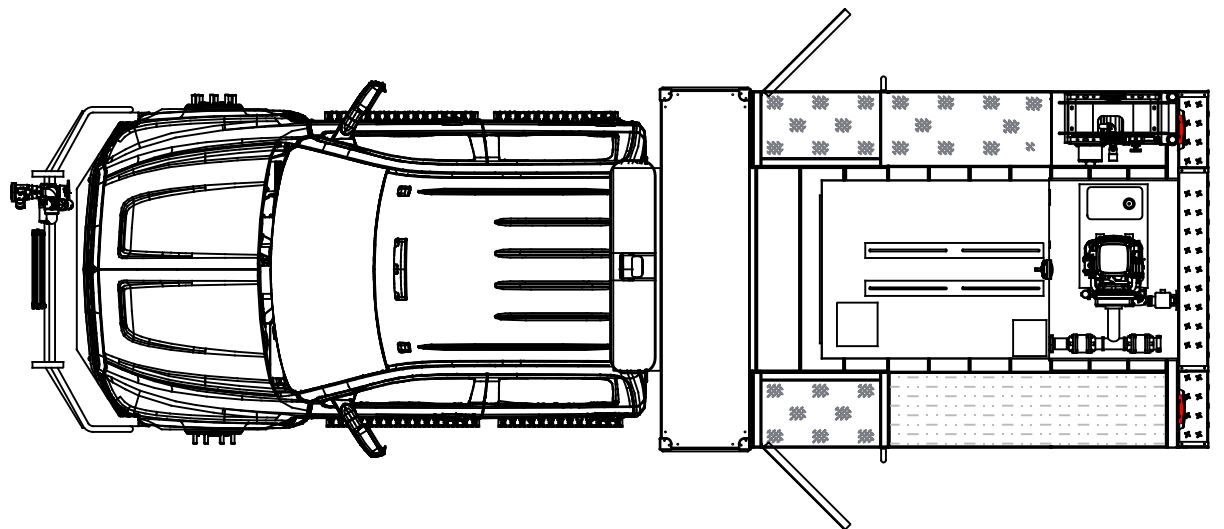
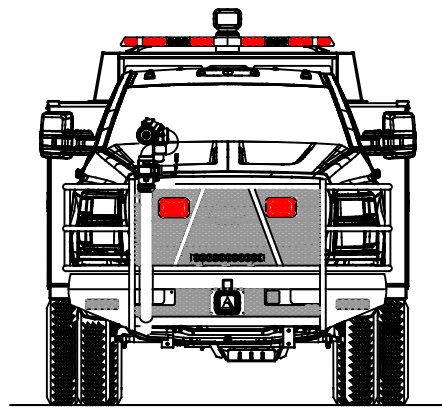
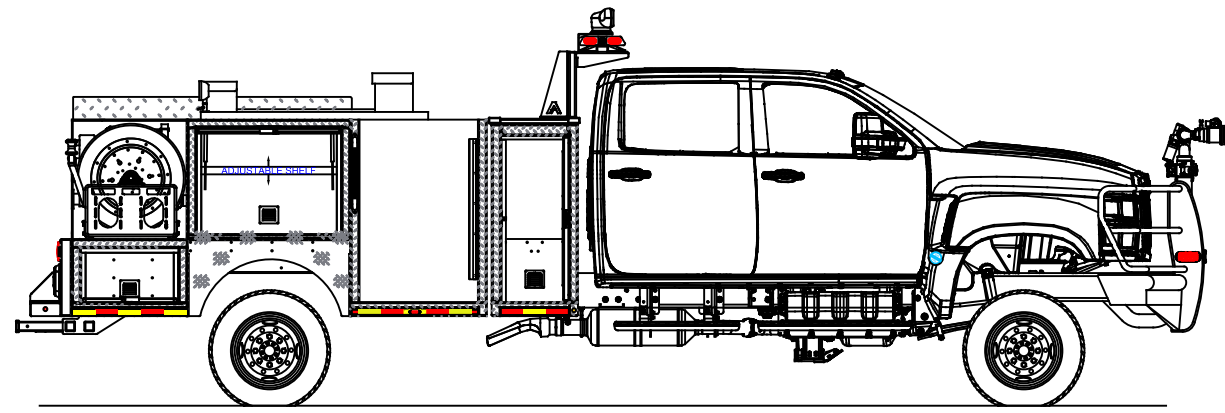
DECIMAL ±0.062 ANGULAR ±0.5° FRACTIONAL ±1/16 METRIC ±1.6 mm

The copyright of this drawing and design and the right of reproduction there is vested in and belongs to Alexis Fire Equipment Co.

ALEXIS FIRE EQUIPMENT CO.
P.O. BOX 549, ALEXIS, ILLINOIS 61412

UTILITY BODY BRUSH TRUCK
ALEXIS FIRE EQUIPMENT
ALEXIS, IL

DRAWN	C.SHUCK	DATE	11/1/23	DWG NO	UT-A37
MATERIAL		CONTRACT #	S789	SHEET	1 OF 2



REVISION HISTORY			
REV	DESCRIPTION	DATE	DWN

Pump Info:		Apparatus Type: Brush Truck
Control Location: Rear	Pump Drive: None	Chassis: GMC 6500 4-DOOR
Pump Make: Skid - Gas	Pump Model: None	Tank Capacity: 300
Pump RPM: None	Pump GPM: None	Material: Aluminum

COMPARTMENT DIMENSIONS	
COMP #	DOOR OPENING SIZES
L1 & R1	15" WIDE X 42" HIGH X TRANSVERSE
L2 & R2	35" WIDE X 26" HIGH X 17" DEEP
L3	23" WIDE X 44" HIGH X 11"/17" DEEP
R3	23" WIDE X 12" HIGH X 17" DEEP

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE NOT CUMULATIVE

DECIMAL ±0.062 FRACTIONAL ±1/16 ANGULAR ±0.5° METRIC ±1.6 mm

ALEXIS FIRE EQUIPMENT CO.
P.O. BOX 549, ALEXIS, ILLINOIS 61412

The copyright of this drawing and design and the right of reproduction there is vested in and belongs to Alexis Fire Equipment Co.

UTILITY BODY BRUSH TRUCK
 ALEXIS FIRE EQUIPMENT
 ALEXIS, IL

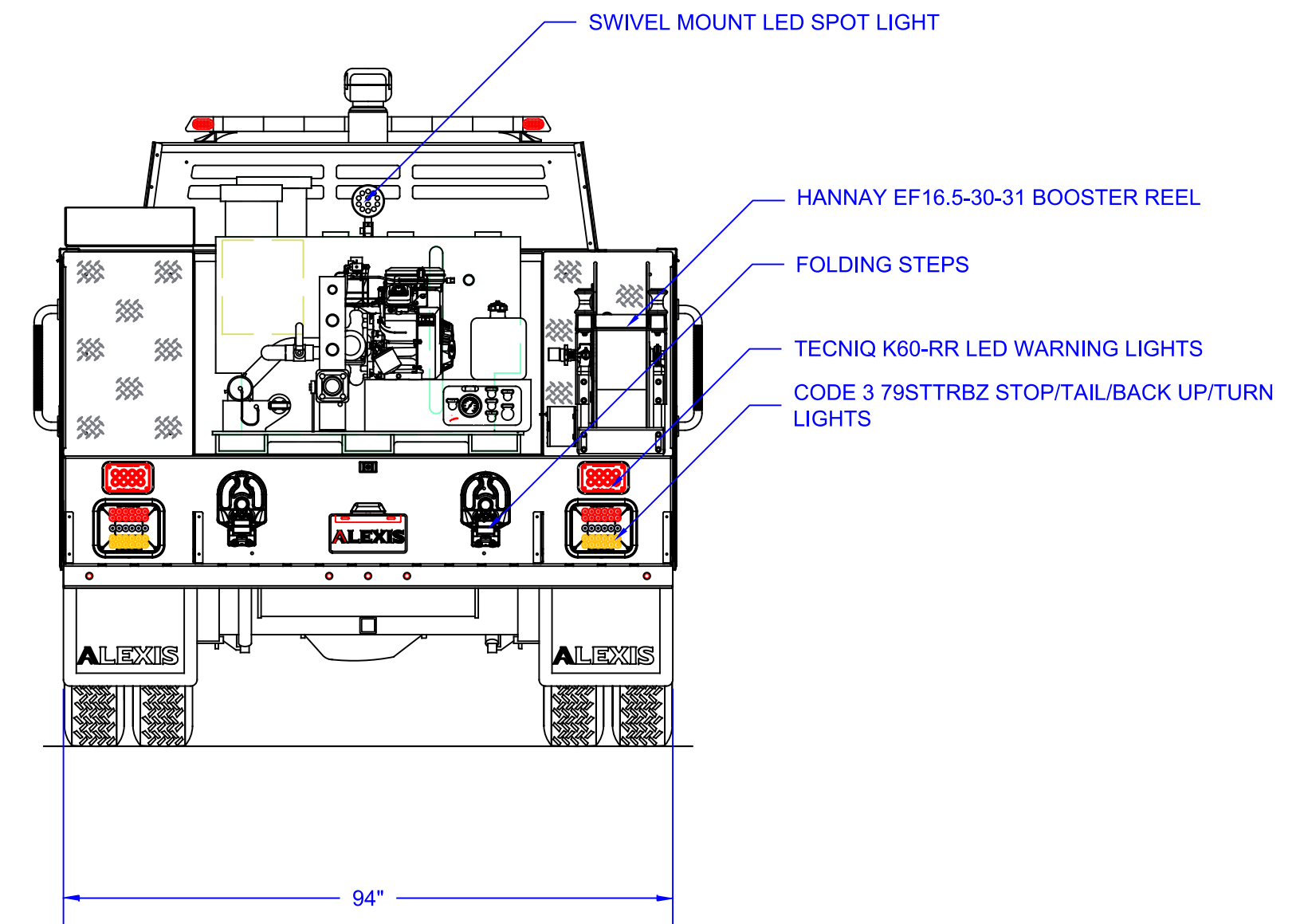
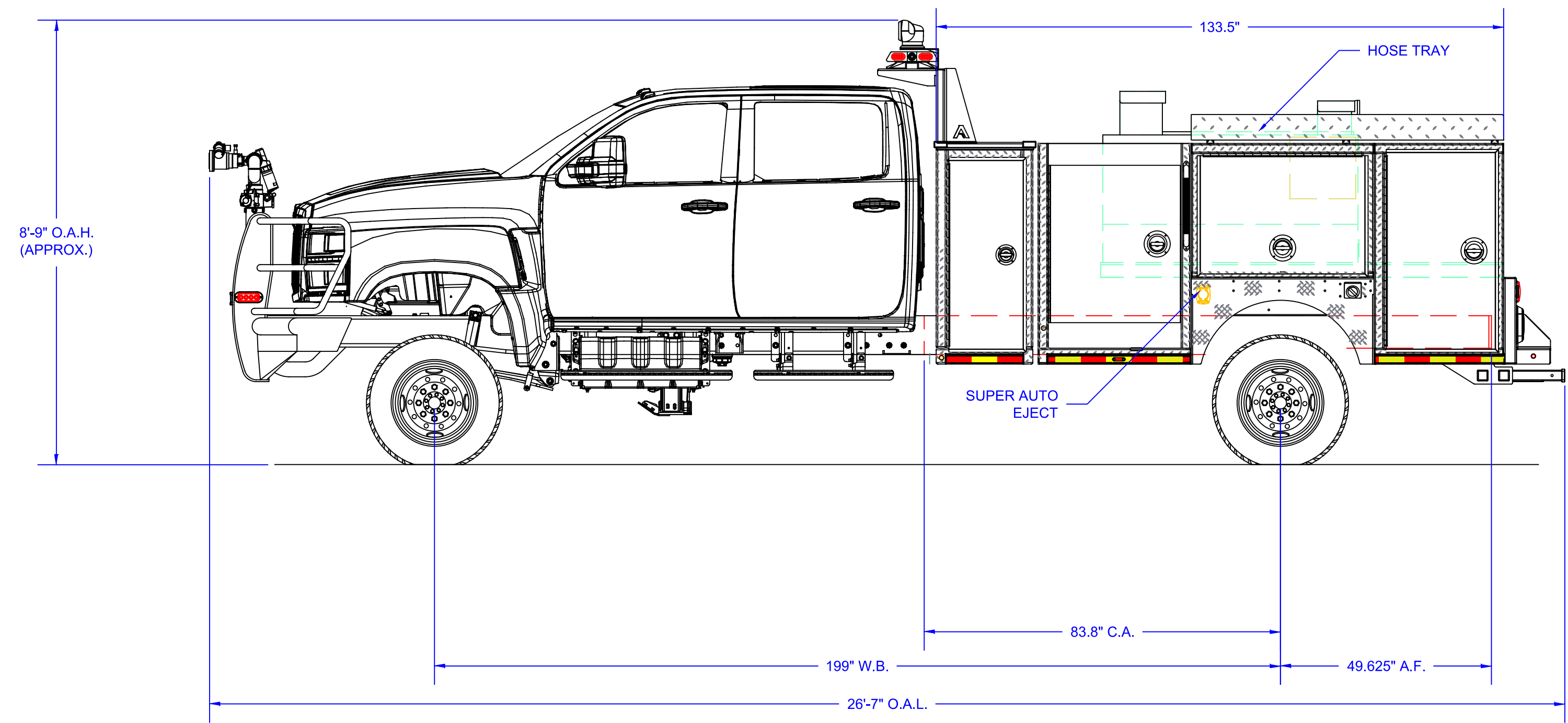
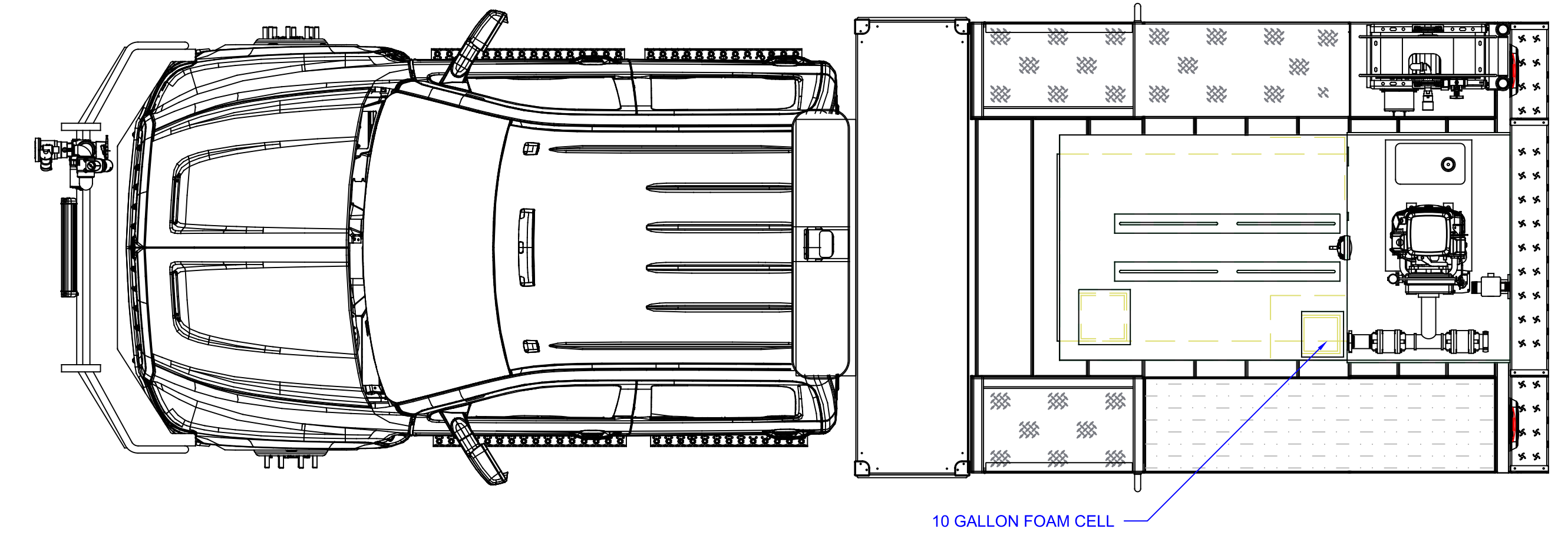
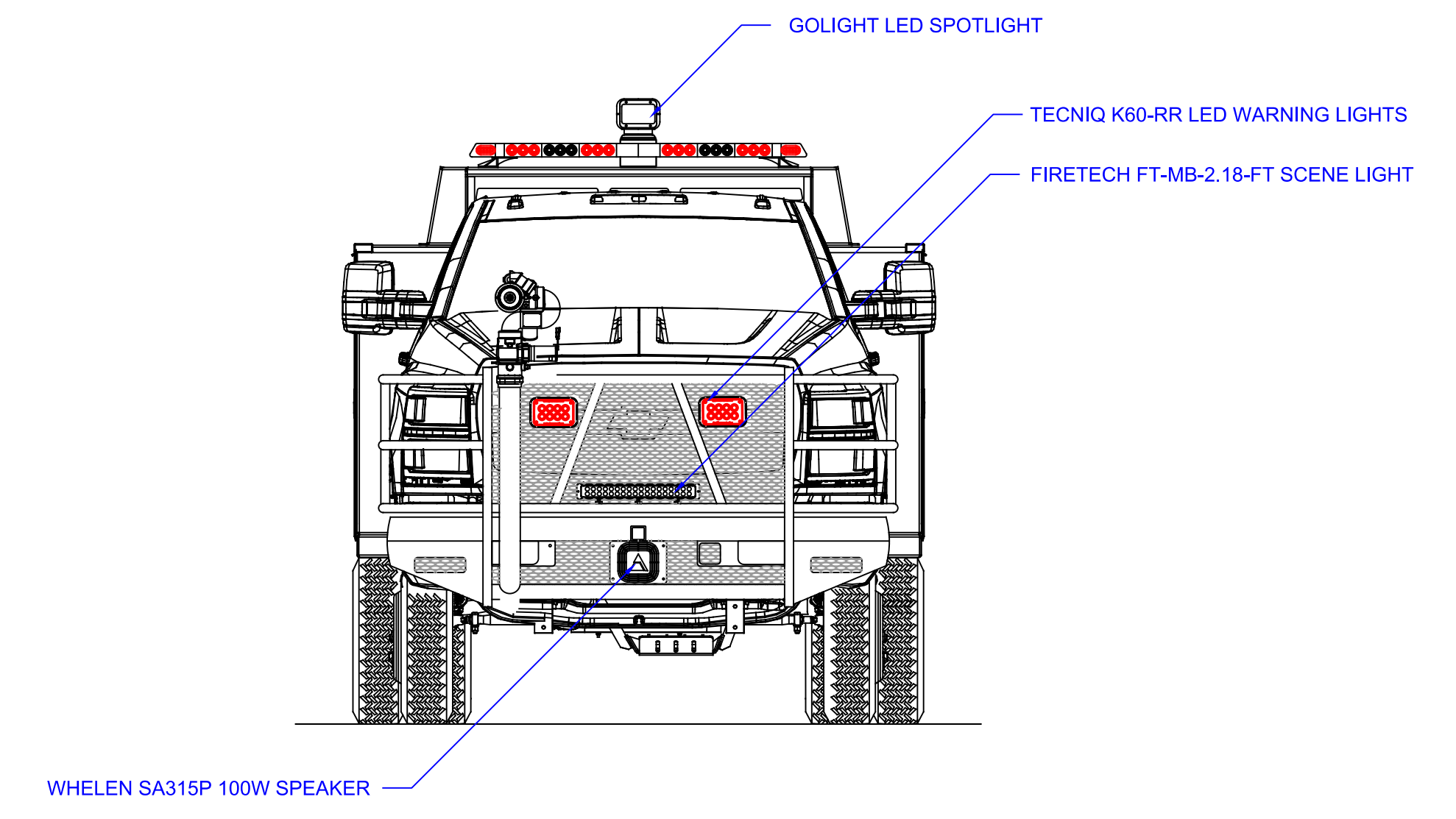
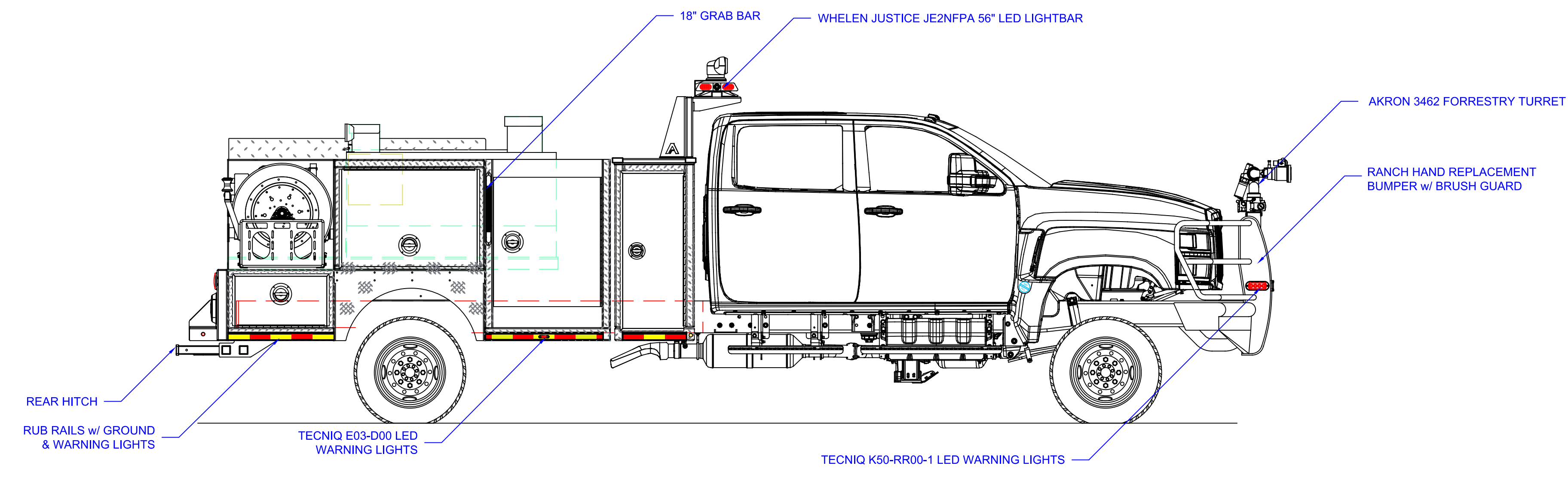
DRAWN: C.SHUCK DATE: 11/1/23
 MATERIAL: _____

SIZE: D SCALE: 1/2" = 1'
 DWG NO: **UT-A37**
 CONTRACT #: S789 SHEET 2 OF 2

CUSTOMER APPROVAL SIGNATURE: _____ DATE: _____

DATE: _____

AFE-S789
 IN THE EVENT THERE ARE DISCREPANCIES BETWEEN THE DRAWING AND THE SPECIFICATIONS, THE SPECIFICATIONS SHALL PREVAIL.



REVISION HISTORY			
REV	DESCRIPTION	DATE	DWN

Pump Info:	Control Location: Rear	Apparatus Type: Brush Truck
Pump Drive: None	Pump Make: Skid - Gas	Chassis: GMC 6500 4-DOOR
Pump Model: None	Pump Model: None	Tank Capacity: 300
Pump GPM:	Material: Aluminum	

COMPARTMENT DIMENSIONS	
COMP #	DOOR OPENING SIZES
L1 & R1	15" WIDE X 42" HIGH X TRANSVERSE
L2 & R2	35" WIDE X 26" HIGH X 17" DEEP
L3	23" WIDE X 44" HIGH X 11"/17" DEEP
R3	23" WIDE X 12" HIGH X 17" DEEP

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE NOT CUMULATIVE
 DECIMAL ± 0.062 ANGULAR ± 0.5° FRACTIONAL ± 1/16 METRIC ± 1.6 mm

ALEXIS FIRE EQUIPMENT CO.
 P.O. BOX 549, ALEXIS, ILLINOIS 61412

UTILITY BODY BRUSH TRUCK
 ALEXIS FIRE EQUIPMENT
 ALEXIS, IL

THE COPYRIGHT OF THIS DRAWING AND DESIGN AND THE RIGHT OF REPRODUCTION THERE IS VESTED IN AND BELONGS TO ALEXIS FIRE EQUIPMENT CO.

DRAWN: C.SHUCK
 DATE: 11/1/23
 MATERIAL: _____

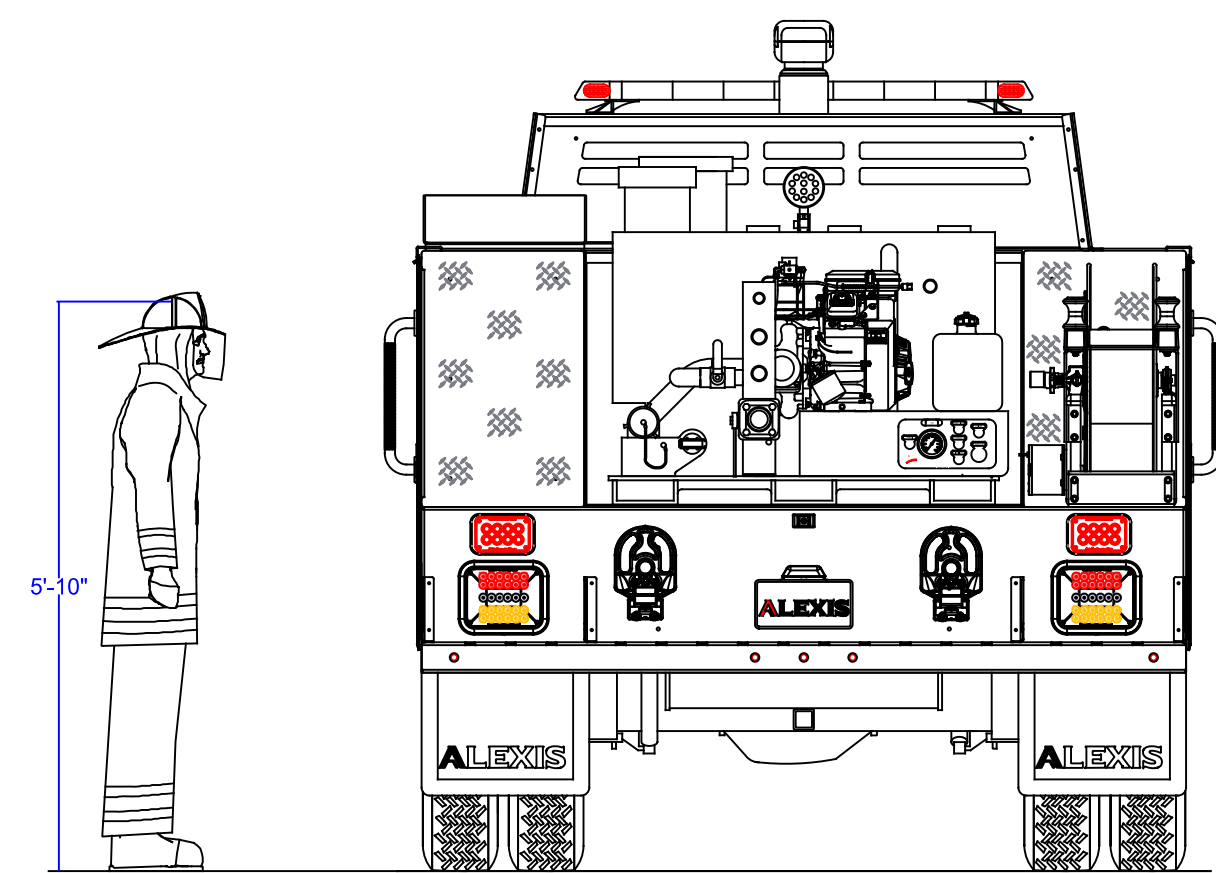
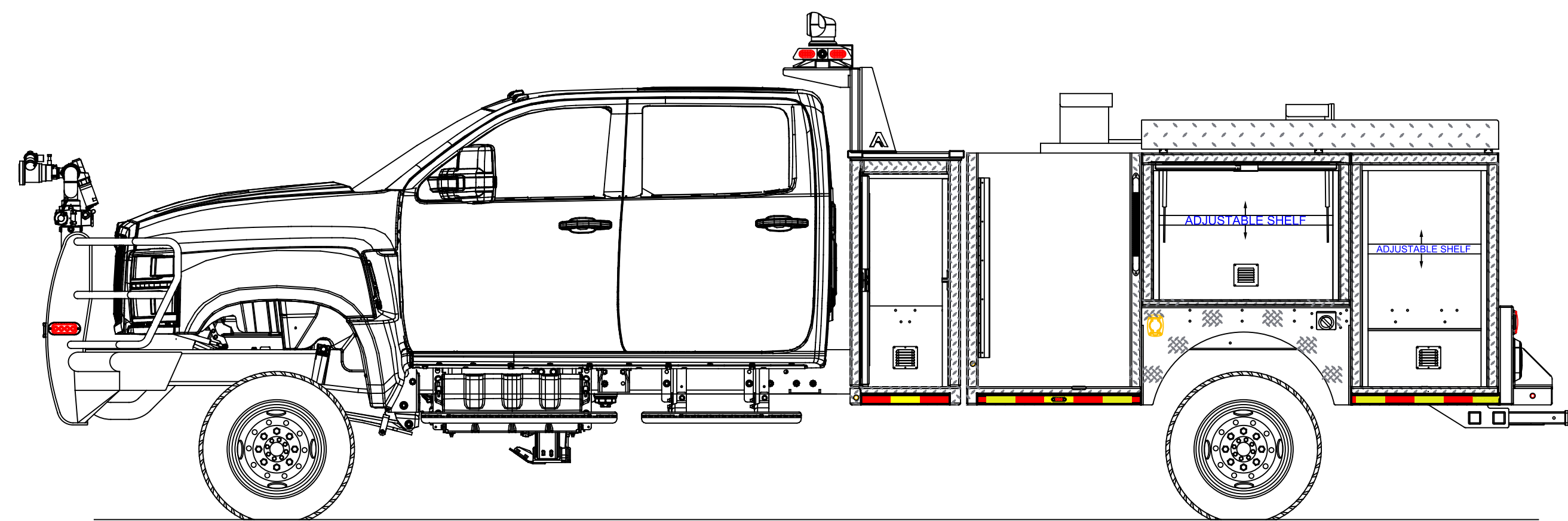
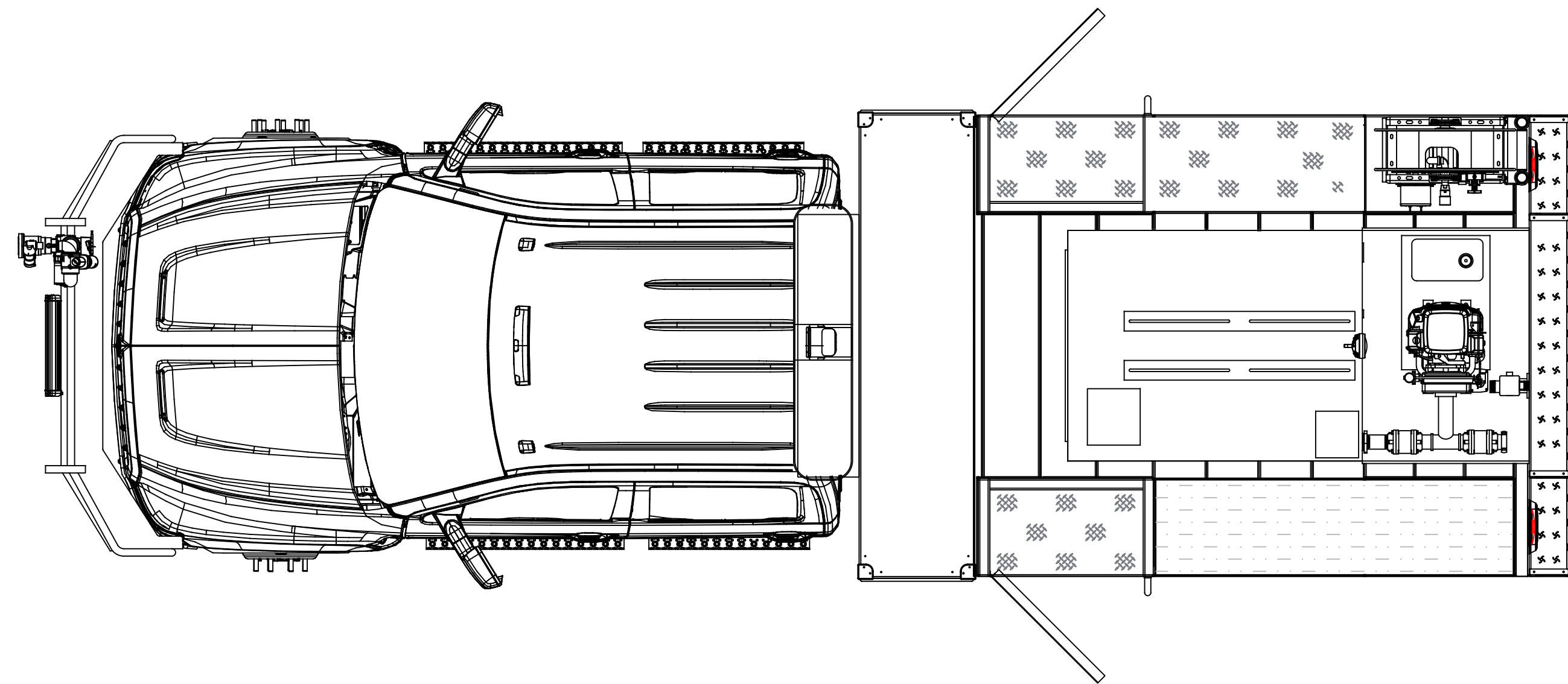
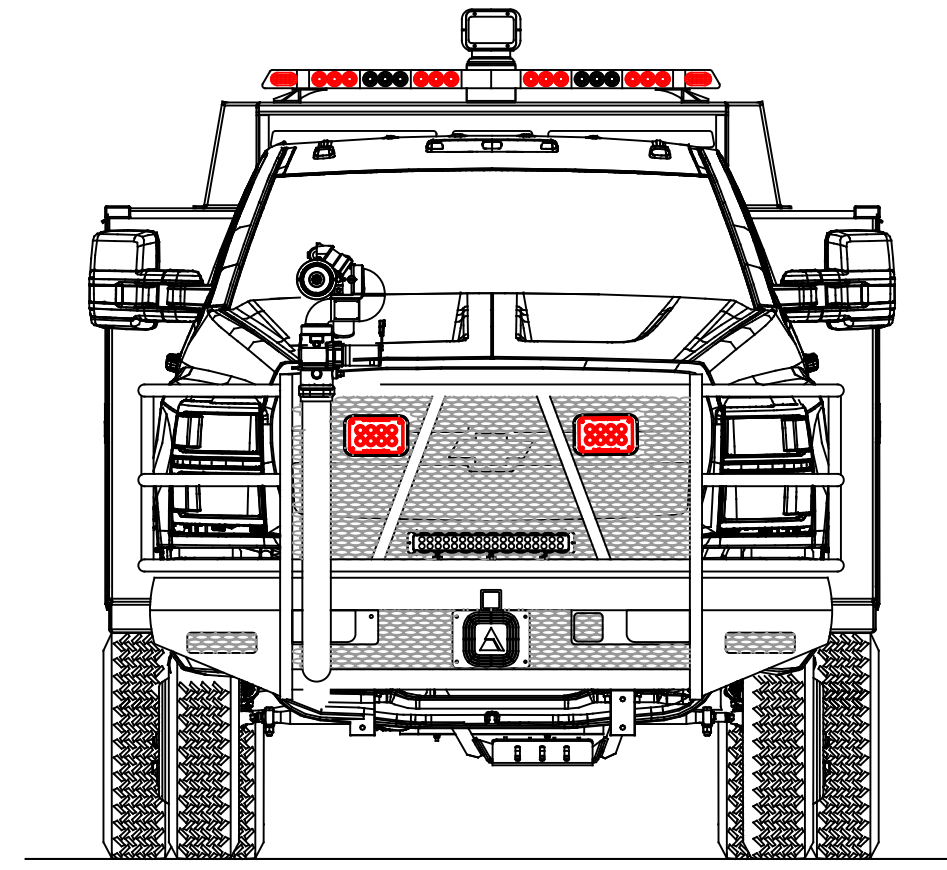
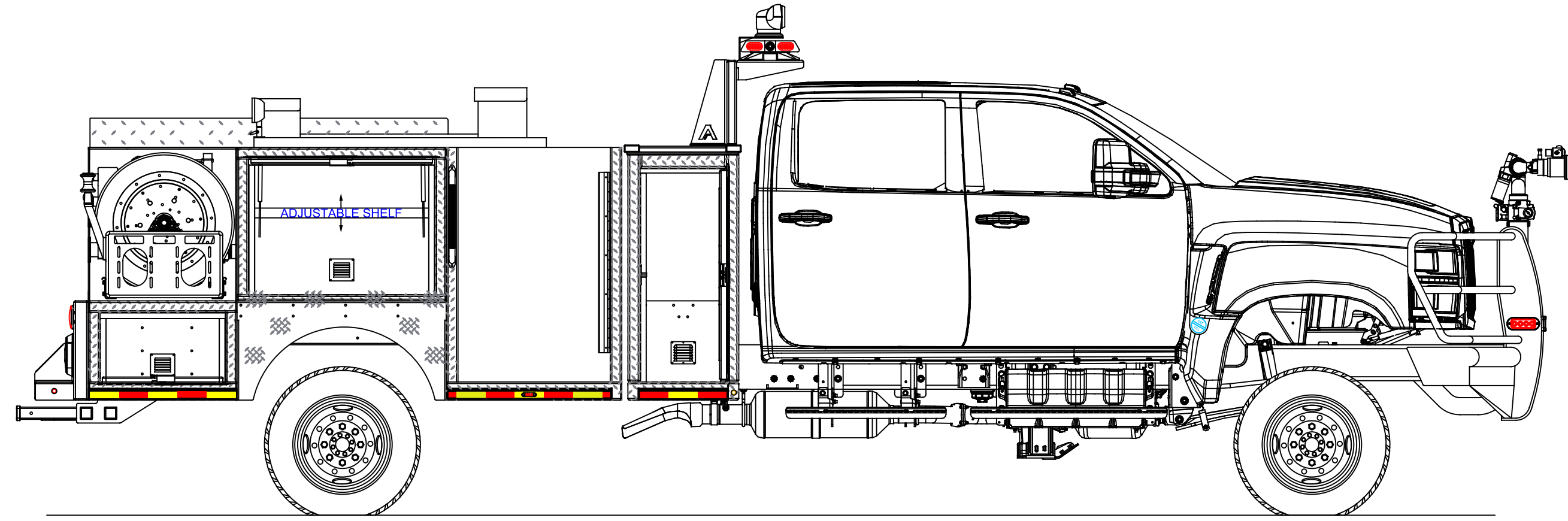
SIZE: D SCALE: 1/2" = 1'
 DWG NO: **UT-A37**
 CONTRACT #: S789 SHEET 1 OF 2

CUSTOMER APPROVAL SIGNATURE:

DATE:

AFE-S789

IN THE EVENT THERE ARE DISCREPANCIES BETWEEN THE DRAWING AND THE SPECIFICATIONS, THE SPECIFICATIONS SHALL PREVAIL.



REVISION HISTORY			
REV	DESCRIPTION	DATE	DWN

Pump Info:	Apparatus Type: Brush Truck
Control Location: Rear	Chassis: GMC 6500 4-DOOR
Pump Drive: None	Tank Capacity: 300
Pump Make: Skid - Gas	Material: Aluminum
Pump Model: None	
Pump GPM: 	

COMPARTMENT DIMENSIONS	
COMP #	DOOR OPENING SIZES
L1 & R1	15" WIDE X 42" HIGH X TRANSVERSE
L2 & R2	35" WIDE X 26" HIGH X 17" DEEP
L3	23" WIDE X 44" HIGH X 11"/17" DEEP
R3	23" WIDE X 12" HIGH X 17" DEEP

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE NOT CUMULATIVE

DECIMAL ± 0.062 ANGULAR ± 0.5°
FRACTIONAL ± 1/16 METRIC ± 1.6 mm

The copyright of this drawing and design
and the right of reproduction there is vested
in and belongs to Alexis Fire Equipment Co.

DRAWN: C.SHUCK
DATE: 11/1/23

MATERIAL: **ALEXIS**

ALEXIS FIRE EQUIPMENT CO.
P.O. BOX 549, ALEXIS, ILLINOIS 61412

UTILITY BODY BRUSH TRUCK
ALEXIS FIRE EQUIPMENT
ALEXIS, IL

SIZE: D SCALE: 1/2" = 1' DWG NO: **UT-A37**

CONTRACT #: S789 SHEET 2 OF 2



 Alexis Fire Equipment
 109 East Broadway / Alexis, IL 61412
 800-322-2284  sales@alexisfire.com
 AlexisFire.com

Alexis Fire Equipment Company
Alexis, IL

We hereby propose to furnish, after your acceptance, approval, and proper execution of the accompanying contract, the fire apparatus as follows:

One (1) Alexis Demo #S789 Utility Brush Truck

As per specifications attached herewith.

TOTAL APPARATUS.....\$ *

* Does not include any applicable taxes. Any local or state tax, if applicable, must be added to the above price.

Shipment of completed apparatus shall be made within 550 calendar days after our approval of properly signed contract, subject to causes beyond our control. This proposal is made subject to your acceptance within thirty (30) days from date of same. If acceptance is delayed beyond that period, we will, upon request, advise you of any increase in said amount which may be occasioned by causes beyond our control.

Respectfully submitted,
ALEXIS FIRE EQUIPMENT COMPANY

By: _____

"QUALITY HAS NO SUBSTITUTE"



 Alexis Fire Equipment
109 East Broadway / Alexis, IL 61412
 800-322-2284  sales@alexisfire.com
 AlexisFire.com

PAYMENT TERMS

The chassis payment shall be made within ten (10) days of invoicing.

A progress payment of \$ shall be made within ten (10) days of invoicing, upon the initial construction of the apparatus body. The ___ Fire Department may **DEDUCT \$** from the front page price for this payment.

The balance of the contract plus any contract alterations shall be payable upon the delivery of the finished unit.

Upon payment, the Alexis Fire Equipment Company shall furnish the purchaser a "Statement of Origin" or the necessary validated documents required for title application.

Additional payment terms available upon request.



 Alexis Fire Equipment
109 East Broadway / Alexis, IL 61412
 800-322-2284  sales@alexisfire.com
 AlexisFire.com

ISO 9001:

Alexis Fire Equipment Company operates a Quality Management System under the requirements of ISO 9001. These standards, sponsored by the "International Organization for Standardization (ISO)," specify the quality systems that shall be established by the manufacturer for design, manufacture, installation and service.



 Alexis Fire Equipment
109 East Broadway / Alexis, IL 61412
 800-322-2284  sales@alexisfire.com
 AlexisFire.com

SERVICE CENTER:

The Alexis Priority-One service team is staffed with factory trained mechanics ready to meet your service requirements. Our staff is continually working on maintaining updated EVT and ASE certification.

The Alexis Service Team is available 24 hours a day, 7 days a week for your service emergencies. We use the latest paging system for fast, efficient and reliable service.

Our service facility covers an area of approximately 14,000 square feet.

The Alexis Service Team can assist you in fire apparatus service, ambulance service, aerial device maintenance, generator and rescue tool maintenance and service, and air pack inspections. Our staff can provide our customers with a complete apparatus training program, meeting the latest training requirements.

Alexis is a single source warranty center for the following manufacturers: Spartan Motors, Darley, Hale, and Waterous.

Our service team has over 50 years of cumulative experience in the fire service industry. In addition, they are backed by our fabrication, electrical, and paint and finish departments. This combination of training and hands-on experience offers true reliability and dependability.

Alexis keeps detailed documentation of all repair, maintenance, and inspection performed by our personnel. With time and manpower at such a premium among many fire departments, why not allow the Alexis Service Team to set up and maintain records for your fleet?

The Alexis Service Team is committed to providing prompt and courteous service, quality products and fair pricing.

Business: Alexis Fire Equipment Company
Location: 109 East Broadway Alexis, IL 61412
Phone: 800-322-2284



 Alexis Fire Equipment
109 East Broadway / Alexis, IL 61412
 800-322-2284  sales@alexisfire.com
 AlexisFire.com

DELIVERY:

The finished apparatus shall be picked up by the dealer organization at the plant site of the Alexis Fire Equipment Company in Alexis, Illinois.

To ensure proper break-in of all drive train components while under warranty, the finished apparatus shall be delivered to the purchaser under its own power.

The apparatus shall be covered by comprehensive and liability insurance during the delivery period. The purchaser shall assume the insurance obligation on acceptance, and at that time shall present to the manufacturer's agent a certificate of verification, showing liability, comprehensive and collision insurance coverage.



GENERAL INFORMATION:

LOCATION

The Alexis Fire Equipment facilities are located at 109 East Broadway, Alexis, Illinois 61412. We maintain a complete stock of parts and services available around-the-clock. We also propose to maintain parts and service for a minimum period of twenty (20) years on all apparatus which is manufactured.

NOTATION

To further assure the customer of our ability to manufacture quality fire apparatus, we are proud of the fact that Alexis Fire Equipment Company is family-owned and has been in the fire apparatus business since 1947. All apparatus manufactured by Alexis Fire Equipment are designed and built to meet the requirements of the latest edition of NFPA 1901.

PERSONNEL CAPACITIES

To meet the spirit of N.F.P.A. 1500 paragraph 6.3.1, this apparatus has been designed to transport not more than five (5) people.

6.3 Riding in Fire Apparatus

6.3.1 All persons riding in fire apparatus shall be seated and belted securely to the vehicle by seat belts in approved riding positions and at any time the vehicle is in motion. Standing or riding on tailsteps, sidesteps, running boards or in any other exposed position shall be specifically prohibited.

INFORMATION TO BE PROVIDED:

Alexis Fire Equipment Company shall supply, at the time of delivery, the following documents:

- A) The manufacturer's record of apparatus construction details, including the following information:
 1. Owner's name and address
 2. Apparatus manufacturer, model, and serial number.
 3. Chassis make, model, and serial number.
 4. GAWR of front and rear axles.
 5. Front tire size and total rated capacity in pounds.

6. Rear tire size and total rated capacity in pounds.
 7. Chassis weight distribution in pounds with water and manufacturer mounted equipment.
 8. Engine make, model, serial number, number of cylinders, bore, stroke, displacement and compression ratio, rated horsepower and related speed, and no-load governed speed.
 9. Type of fuel and fuel tank capacity.
 10. Electrical system voltage and alternator output in amps.
 11. Battery make and model, capacity in CCA.
 12. Transmission make, model, and type.
 13. Pump to drive through the transmission (yes or no)
 14. Engine to pump gear ratio used
 15. Pump make, model, rated capacity in g.p.m., serial number, number of stages, and impeller diameter in inches.
 16. Pump transmission make, model, and serial number.
 17. Priming device type.
 18. Type of pump pressure control system.
 19. Auxiliary pump make, model, rated capacity in g.p.m., serial number, number of stages, and impeller diameter in inches.
 20. Water tank certified capacity in gallons.
 21. Aerial device type, rated vertical height in feet, rated horizontal reach in feet, and rated capacity in pounds.
 22. Paint numbers
 23. Company name and signature of responsible company executive.
-
- B) If the apparatus has a fire pump, the pump manufacturer's certification of suction capability.
 - C) If the apparatus has a fire pump, a copy of the apparatus manufacturer's approval for stationary pumping applications.
 - D) If the apparatus has a fire pump, the engine manufacturer's certified brake horsepower curve for the engine furnished, showing the maximum no-load governed speed.
 - E) If the apparatus has a fire pump, the pump manufacturer's certification of hydrostatic test.
 - F) If the apparatus has a fire pump, the certification of inspection and test for the fire pump.
 - G) If the apparatus has an aerial device, the certification of inspection and test for the aerial device.
 - H) If the apparatus has an aerial device, all the technical information required for inspections to comply with NFPA.
 - I) Weight documents from a certified scale - showing actual loading on the front axle, rear axle(s), and overall vehicle (with the water tank full but without personnel, equipment, and hose) - shall be supplied with the completed vehicle.
 - J) Written load analysis and results of the electrical system performance tests.
 - K) If the apparatus is equipped with a water tank, the certification of water tank capacity.
 - L) If the apparatus has a fire pump, two (2) copies of the pump operation and maintenance manual.
 - M) Two (2) destination effective wiring diagrams.

- N) Copies of electrical and mechanical component manuals for equipment purchased on or with the apparatus.
- O) A sketch of the booster tank indicating all dimensions and baffle locations.
- P) If the apparatus has a pump, one (1) certification of third party test

WARRANTY:

Alexis Fire Equipment Co., Inc. warrants each new piece of Ashland Series fire and rescue apparatus to be free from defects in material and workmanship under normal use and service. Our obligation under this warranty is limited to repairing or replacing, as the company may elect, any part or parts thereof which shall be returned to us with transportation charges prepaid, and as to which examination shall disclose to the company's satisfaction to have been defective, provided that such part, or parts shall be returned to us not later than one year after delivery of such vehicle. Such defective part or parts will be repaired or replaced free of charge and without charge for installation to the original purchaser. All water tanks will be warranted as stated herein and may have extended warranty as explained elsewhere in the Alexis Fire Equipment Co. Proposal.

This warranty will not apply:

1. To normal maintenance service or adjustments.
2. To any vehicle which shall have been repaired or altered outside of our factory, in any way so as, in our judgement, to affect its stability, nor which has been subject to misuse, negligence, or accident, nor to any vehicle made by us which shall have been operated at a speed exceeding the factory rated speed, or loaded beyond the factory rated load capacity.
3. To the chassis and associated equipment furnished with chassis, signaling device, generators, batteries or other trade accessories. These are usually warranted separately by their respective manufacturers.
4. To work performed by an outside service without prior authorization obtained from Alexis Fire Equipment.
5. To costs incurred from an outside service for non-warranty related items.

This warranty is in lieu of all other warranties, expressed or implied, and all other representations to the original purchaser and all other obligations or liabilities, including liability for incidental or consequential damages on the part of the company. We neither assume or authorize any other person to give or assume any other warranty or liability on the company's behalf unless made or assumed in writing by the company.



LENGTH AND/OR HEIGHT LIMITATIONS:

OVERALL HEIGHT:

There shall be no overall height restrictions.

OVERALL LENGTH:

There shall be no overall length restrictions.

CHASSIS MODIFICATIONS:

STATEMENT OF EXCEPTIONS – CHASSIS SYSTEMS:

The chassis to be utilized for this apparatus shall incorporate the OEM seat belt system and as such is not designed to comply with NFPA 1901-2016 Section 14.1.3 regarding seat belt design, seat belt web length, and the color requirements of the seat belts.

The chassis is supplied with an OEM installed seat belt indicator system; however, it will not specifically comply with requirements of NFPA 1901-2016 Section 14.1.3.9.

In addition, the chassis manufacturer will not allow an apparatus manufacturer to access any of the data from its electrical system to comply with NFPA 1901-2016 Sections 4.11 and 14.1.3.9; Vehicle Data Recorder and Seat Belt Indicator System.

Unauthorized access to the chassis electrical system voids all warranties and transfers all liability away from the chassis manufacturer. Due to this restriction, a Vehicle Data Recorder and a Seat Belt Indicator System will not be supplied or installed by Alexis Fire Equipment Company with this vehicle.

We hereby certify by the following signatures that we have read, understand and accept that upon delivery, the vehicle supplied by Alexis Fire Equipment Company will not specifically comply with NFPA Standard 1901-2009 Sections 4.11, 14.1.3, and 14.1.3.9.

ALEXIS FIRE EQUIPMENT COMPANY

FIRE DEPARTMENT

Signature

Signature



 Alexis Fire Equipment
109 East Broadway / Alexis, IL 61412
 800-322-2284  sales@alexisfire.com
 AlexisFire.com

Printed Name

Printed Name

Title

Title

Date

Date

STEP ASSEMBLIES:

The step assemblies on the left and right side of the chassis shall remain as specified in the chassis specifications.

CHASSIS SUPPLIED WHEELS:

The wheel finish on the apparatus shall remain as specified in the chassis specifications.

FUEL TANK:

The chassis shall incorporate a rear fuel tank installed by the chassis manufacturer. The fill and vent shall be installed behind the left rear wheel. The fill shall be labeled with the type of fuel intended.

TRAILER HITCH REAR MOUNTED:

One (1) Reese type trailer hitch shall be incorporated in the rear tail step area of the apparatus. The hitch assembly shall utilize 2½" square tubing.

12-volt electrical connections for a portable winch shall be provided.

BUCKSTOP HEAVY DUTY BUMPER:

One (1) Buckstop heavy duty bumper shall be installed on the front of the Chevrolet chassis. The bumper features a hinged grille guard to allow it to tilt for hood access.

The Buckstop bumper is ¼" steel in the primary impact zone and winch center and 3/16" steel under the headlights.

The Buckstop is sandblasted and features a two-coat black powder finish. The powder coat is an industrial strength baked on finish. All critical seams are welded inside and out. Two (2) tow loops are standard.

One (1) winch receiver is provided for use with a portable winch.

12-volt electrical connections for a portable winch shall be provided.

HELMET STORAGE:

To meet the intent of NFPA 14.1.8.4.1, the helmet for each occupant shall be stored in an exterior compartment.

PUMP AND PIPING:

WATEROUS 2515 PUMP

75 GPM @ 135 PSI

150 GPM @ 90 PSI

Volute Body & Head with High-Strength Aluminum Alloy

Anodized for Superior Corrosion Resistance

High Strength, Corrosion Resistant Bronze Impeller

Fully Enclosed

Mechanically Balanced to Eliminate Vibration

Long Wearing Bronze Wear Rings

High Strength Stainless Steel Shaft Sleeve

Spring Loaded Mechanical Type Shaft Seal

B&S OHV 23HP VANGUARD V-TWIN

EFI (Electronic Fuel Injection)

Gas Engine

Air Cooled

Electric/Recoil Start

Magnetron Electronic Ignition



Electric Control Module

Electronic Governing

Two Year Warranty

Displacement- 627 cc; Bore x Stroke- 75 x 70 mm; Compression ratio- 8.4:1; Magnetron Electronic ignition; Gross Power Output- 23HP @ 3,600 rpm

PUMP ENGINE KILL BUTTON:

There shall be a push button momentary switch on the cab center console to kill the pump gas engine on the skid unit.

DISCHARGE MANIFOLD:

The discharge manifold shall be manufactured of welded stainless steel painted blue.

The discharge manifold shall have the following standard ports available:

Rear Facing: One (1) 2", two (2) 1½", One (1) 1" Discharge

Forward Facing: Three (3) 1", one (1) 2"

Any unused port(s) shall be capped off.

1" DISCHARGE - PLATFORM:

One (1) 1" discharge shall be provided at each platform standing area. Each discharge shall be individually controlled at the standing area only.

1½" DISCHARGE:

One (1) 1½" discharge shall be provided at the rear of the skid unit.

TANK VALVE:

One 2" valve shall be included for the tank to pump line. A 2½" **non-gated** NSTF swivel suction adapter shall be located at the rear.

AROUND THE PUMP FOAM INDUCTOR / MIXER:

There shall be a Scotty Around The Pump foam inductor / mixer installed on the discharge side of the pumping system. The system is designed for urban and wildland fire suppression. The system is designed with a control knob calibrated to induct foam concentrate ratios of .1%, .5% and 1%. The controls for the system shall be placed in the same general location as the pump controls.

FOAM TANK:

A 10 gallon foam tank shall be incorporated within the booster tank of the apparatus. It shall be baffled and constructed of polypropylene. The fill shall be installed and vented to allow filling without a foaming reaction from the foam concentrate. Two valves shall be incorporated with the foam tank, one for the foam induction system and one for a drain hoses to the ground.

FRONT TURRET:

One (1) Akron 3462 Forestry Monitor shall be installed at the front of the apparatus on a platform located on the left or right side. The monitor shall be controlled from the chassis cab. The unit shall be plumbed with 2" piping and 2" valve controlled from the joystick system. The joystick shall have a valve trigger system to open and close the flow valve.

The turret shall be supplied with an adjustable flow baffle nozzle with four settings and electric flush; 30, 60, 95 and 125 gpm.

The deck gun finish shall remain as supplied by the manufacturer.

The exposed bumper turret piping at the front of the apparatus shall remain natural finish stainless steel

BOOSTER REEL:

One (1) Hannay Electric booster reel, Model EF16.5-30-31 shall be provided and mounted on right rear corner of the flatbed. Each reel shall include 100 ft. of 1" lightweight booster hose. One (1) roller/spool assembly shall be included with the reel.

The rewind button shall be located on the right side of the apparatus.

TANK FILL

There shall be one (1) 1" valve plumbed via high pressure hose from the manifold to the Tank Fill inlet noted on the tank for the purpose of filling the tank and re-circulating water during stagnant pump operations.

PIPING CERTIFICATION:

The portable pump shall be tested to the pump's rated capacity. for a period of ten minutes. A certified document on the test shall be supplied to the customer.

TANK:

SKID FRAME:

The frame shall be constructed of polypropylene to prevent corrosion of the system. The frame unit shall be constructed to cradle the tank and act as a mounting platform for the pump.

SKID TANK:

The tank shall be constructed of ½" thick black PT2E textured polypropylene sheet stock with AccTuf resin. This material will be a certified virgin, high quality, non-corrosive, stress relieved thermoplastic. It shall have the capacity of 300 gallons.

The tank comes standard with built-in liquid level sight gauge, booster reel mounting blocks, an internal sump for easier mounting.

CONSTRUCTION:

The tank shall be designed to have complete modular drop-in capability. The passenger's side rear wall of the tank shall have an internal liquid sight gauge 4" in width, natural in color, and 90% transparent.

FILL TOWER & TANK COVER:

The tank shall be equipped with a combination vent/overflow and manual fill tower. The fill tower shall be 10" square with a molded cover. The cover shall be fastened to the tower with a tether to prevent loss.

OVERFLOW:

The vent overflow pipe shall exit **above** the body decking.

SUMP:

There shall be one sump as standard per tank.

OUTLETS:

There shall be two standard outlets located on the same vertical plane on the driver's side rear tank wall: One (1) 3" FNPT suction fitting and one (1) 1½" FNPT tank fill with flow deflector. There shall be one (1) 1" FNPT tank drain located on the rear tank wall towards the passenger's side.

WATER TANK INDICATOR

One (1) Fire Research TankVision Pro model WLA300-A00 tank indicator kit shall be installed. The kit shall include an electronic indicator module, a pressure sensor, and a 10' sensor cable. The indicator shall show the volume of water in the tank on nine (9) easy to see super bright RGB LEDs. A wide view lens over the LEDs shall provide for a viewing angle of 180 degrees. The indicator case shall be waterproof, manufactured of Polycarbonate/Nylon material, and have a distinctive blue label.

The program features shall be accessed from the front of the indicator module. The program shall support self-diagnostics capabilities, self-calibration, six (6) programmable colored light patterns to display tank volume, adjustable brightness control levels and a datalink to connect remote indicators. Low water warnings shall include flashing LEDs at 1/4 tank, down chasing LEDs when the tank is almost empty, and an output for an audio alarm.

The indicator shall receive an input signal from an electronic pressure sensor. The sensor shall be mounted from the outside of the water tank near the bottom. No probe shall be placed on the interior of the tank. Wiring shall be weather resistant and have automotive type plug-in connectors.

The gauge shall be located at the pump operator's panel.

CAB MOUNTED WATER TANK INDICATOR

One (1) Fire Research TankVision model WLA205-A00 miniature tank indicator shall be installed in the cab. The indicator shall show the volume of water in the tank on five (5) easy to see super bright LEDs. A wide view lens over the LEDs shall provide for a viewing angle of 180 degrees. The indicator case shall be manufactured of aluminum and have a distinctive blue label.

The miniature indicator shall receive input information over a single wire from a Fire Research TankVision model WLA200-A00 tank primary indicator.



BODY:

BODY WARRANTY:

Alexis Fire Equipment Company hereby extends its standard one-year fire and rescue apparatus warranty to include defects in materials and workmanship of the body as well as structural defects which, in the sole opinion of the company, substantially affect the total integrity of the body. This warranty is extended only to the original user-purchaser.

Alexis Fire Equipment warrants the 3/16" aluminum bodies, under normal use and with reasonable maintenance, shall remain structurally sound for a period of 10 years or 100, 000 miles as long as the design of the apparatus complies with Alexis engineering practices.

The Company reserves the right to require any such repairs to be made either at Alexis Fire Equipment Company, Inc. or another approved service facility, at the option of Alexis Fire Equipment. Transportation cost to and from the servicing location is the responsibility of the user-purchaser.

The warranty shall be null and void if, upon inspection by the Company, the alleged defect is determined to have been caused by abuse, modification, accident, neglect, or lack of proper maintenance.

This warranty does not apply to the following items that are covered by a separate warranty: paint finish, hardware, door assemblies, moldings, and other accessories attached to the body. In addition, this warranty does not apply to any part or accessory manufactured by others and attached to the body.

Alexis Fire Equipment will be given a reasonable opportunity to investigate all claims. The purchaser must commence any action arising out of, based upon or relating to agreement or the breach hereof, within twelve (12) months from the date the cause of the action occurred.

Alexis Fire Equipment makes no other warranty, expressed or implied, with respect to the apparatus body and all implied warranties of merchantability and fitness for a particular purpose are hereby disclaimed.

ALUMINUM TREADPLATE BODY:

There shall be a custom fabricated aluminum treadplate utility body measuring approximately 94 inches wide by 108 inches long installed on the chassis. The body subframing system shall be independent of the chassis frame and constructed of 5" open C channel aluminum thereby providing a complete lift off body for later body transfer. The body shall be attached to the chassis frame utilizing "U" bolts.

There shall be a headache rack installed at the front of the body constructed of tubular aluminum and aluminum sheet with rear window cutouts. The headache rack shall incorporate a lightbar mount on the front side.

There shall be a skirt at the rear of the body constructed from formed .190 smooth aluminum material, in preparation for Chevron striping.

The utility body floor shall include a cutout to allow the water tank overflow to exit below the floor.

The rear wheel housing shall be constructed of aluminum treadplate material.

The body shall be manufactured utilizing 3/8" Magna-Grip LockBolt fasteners. The fasteners are widely known as the most reliable wide grip fastening system available and also provide vibration and loosening resistance. The body shall be mounted on flexible floatation pads to allow the body and chassis to flex on rough ground

TAIL STEP:

The tail step shall be constructed of .190 thick 3003-h14 aluminum treadplate. The tailstep shall be a bolt-on tailstep for ease of removal and repair. The aluminum treadplate meets NFPA standard 13-7.3: all exterior surfaces have a minimum slip resistance of .68.

ATTACK ZONE - (1) EACH SIDE:

There shall be two (2) attack zones provided directly behind the transverse storage at the front of the utility body, one (1) on each side .

There shall be one (1) access door provided on each side for entry into the attack zone. Each access door shall be a barrier style door exposing the lower platform standing area. Each door shall be a pan style door vertically hinged at the front and shall incorporate a D-ring rotary latch for access.

Each door exterior shall match the finish on the body compartment doors for a uniform appearance.

There shall be an eyelet provided in the attack zone on each side for the attachment of a safety harness.

LED WALKWAY COURTESY LIGHT:

One (1) Eon E03 Series LED courtesy light shall illuminate each Attack Zone. The light(s) shall be activated with the master switch.

GRAB HANDLES:

Two (2) 18" knurled bright stainless steel 1¼" O.D. grab rails shall be installed at the attack zone area of the apparatus, one (1) each side for ease of access to the platform area.

Each grab handle shall have a natural stainless steel finish

SAFETY BELT(S):

Two (2) Corona Kevlar belt(s) with ladder hook shall be provided.. Made to meet NFPA Escape Belt standards. The belt is easily secured around the waist using a unique, double-locking snap hook, separate rigging D Ring, and a "tail-less" adjuster. It can be used as an equipment belt for carrying axes or forcible entry tools. Two lightweight V-rings slide along the belt to secure the escape rope system. Fire Resistant - The melting point of Kevlar is above 500°C (930°F).

Retro-reflective striping sewn on for better visibility.

Weight 38 oz.

Strength: 6,000 lbf.

Materials, Hardware: Forged Steel

Materials, Belt: Kevlar

Materials, Thread: Kevlar

BEVELED LAP/BOX STYLE DOOR CONSTRUCTION:

The side compartment doors shall be manufactured in a lap design. The perimeter of each outer door panel one each door opening shall be of a beveled design to assure a tight seal.

The compartment door shall be a double pan door. The outer surface shall be manufactured of .190" aluminum finished as described below and the inner pan shall be manufactured of .125" smooth aluminum. The door assembly shall be designed to prevent condensation buildup within the door interior. Insulation shall be installed as necessary between the inner and outer pans of each door.

Each door shall be supported with stainless steel piano hinges. Each hinge shall be bolted to the door perimeter and door casement with stainless steel bolts, thereby facilitating door replacement. The door openings shall have closed cell automotive type seals to prevent water and dirt entry.

There shall be a seal applied to the outer and inner perimeter of the door to allow for a double seal design.

COMPARTMENT DOOR LATCHING:

The tall vertical compartment doors shall be secured by a two-point latching system and the short vertical and horizontal compartment doors shall be secured with a single point latching system. The door handle shall consist of a stainless steel rotary D-ring latch. Each latch shall connect with a pair of strikers.

LAP DOOR FINISH - VINYL WRAP:

Each lap door shall be covered in 3M vinyl wrap material closely matching the primary cab color

DOOR RETAINERS-DOUBLE SPRING SLIDE TYPE:

Each vertically hinged side compartment door shall be retained with stainless steel double spring slide type retainers (Hansen 5 EZ style). The retainers shall be designed to hold the door in the open position.

SWING UP DOOR RETAINERS-GAS SHOCKS:

Each swing up side compartment door shall be retained with Gas shocks that are designed to hold the door in the open position.

COMPARTMENT VENTS:

One (1) interior vent shall be installed in each compartment. The vent shall be constructed of stainless steel and shall incorporate four (4) 5" x ¾" louvers.

TRANSVERSE STORAGE:

There shall be a 22" wide transverse storage module located ahead of the attack zone. The storage module shall be manufactured of aluminum treadplate material and shall be the same height as the body for a uniform appearance.

LEFT SIDE:

L1:

A single door compartment assembly with a door opening of 15" wide x 42" high x 17" deep in the lower area and transverse deep in the upper area shall be incorporated on the left side of the storage module.

The compartment shall include the following:

Unistrut Tracking

E45 Series LED strip lights to illuminate the entire area. The lights shall run the entire height of the compartment on each side of the door opening.

L2

A lift-up door compartment assembly with a door opening of 35" wide x 26" high x 17" deep shall be provided over the rear wheels on the left side.

The compartment shall include the following:

Unistrut Tracking

One (1) full depth adjustable shelf (ves)

E45 Series LED strip lights to illuminate the entire area. The lights shall run the entire height of the compartment on each side of the door opening.

L3

A single door compartment assembly with a door opening of 23" wide x 44" high x 11"/17" deep shall be incorporated on the apparatus left side behind the rear wheels.

The compartment shall include the following:

Unistrut Tracking

One (1) full depth adjustable shelf (ves)

E45 Series LED strip lights to illuminate the entire area. The lights shall run the entire height of the compartment on each side of the door opening.

RIGHT SIDE:

R1:

A single door compartment assembly with a door opening of 15" wide x 42" high x 17" deep in the lower area and transverse deep in the upper area shall be incorporated on the right side of the storage

module.

The compartment shall include the following:

Unistrut Tracking

E45 Series LED strip lights to illuminate the entire area. The lights shall run the entire height of the compartment on each side of the door opening.

R2

A lift-up door compartment assembly with a door opening of 35" wide x 26" high x 17" deep shall be provided over the rear wheels on the right side.

The compartment shall include the following:

Unistrut Tracking

One (1) full depth adjustable shelf (ves)

E45 Series LED strip lights to illuminate the entire area. The lights shall run the entire height of the compartment on each side of the door opening.

R3

A drop down door compartment assembly with a door opening of 23" wide x 12" high x 17" deep shall be incorporated on the apparatus right side behind the rear wheels, below the body deck.

The drop down compartment door shall be retained with heavy duty chains that are designed to hold the door in the open position.

The compartment shall include the following:

E45 Series LED strip lights to illuminate the entire area. The lights shall run the entire height of the compartment on each side of the door opening.

HOSE TRAY - ALUMINUM TREADPLATE:

There shall be one (1) hose tray located over the compartments. The tray shall be manufactured of .125 aluminum treadplate and shall be mounted to the top of the compartments utilizing unistrut tracking.



The tray shall be approximately compartment length x compartment depth x 6" high, providing a uniform appearance.

NOTE: The hose is not included.

HOSE TRAY RETENTION SYSTEM:

One (1) full width wind dam shall be installed in the front area of the hose tray. The wind dam shall be manufactured of aluminum treadplate material. This design shall allow the air pressure to retain the hose in the hose bed.

Two (2) full width straps shall be installed one (1) at rear and one (1) at the middle area of the hose tray to retain the hose.

CAPACITY: _____

LOCATION: Left Side

RUB RAILS:

Bolt on aluminum rub rails shall be installed, below the compartment doors. Said rub rails will be fabricated of a polished "C" channel aluminum, mounted to the body surface utilizing ¼" plastic spacers.

The rub rails shall incorporate the LED ground lights and LED lower warning lights. Each light strip shall run the full length of each rub rail.

The channel designed rub rail shall incorporate a highly reflective red and fluorescent yellow green reflective stripe to aid in apparatus protection.

DURATILE TILE ON FLOOR:

The floor of each main body compartment shall be covered with black Duratile Tile.

12 VOLT ELECTRICAL:

ELECTRICAL WARRANTY:

Alexis Fire Equipment Co., Inc. warrants each new piece of Ashland Series fire and rescue apparatus to be free from defects in material and workmanship under normal use and service. Our obligation under

this warranty is limited to repairing or replacing, as the company may elect, any part or parts thereof which shall be returned to us with transportation charges prepaid, and as to which examination shall disclose to the company's satisfaction to have been defective, provided that such part, or parts shall be returned to us within three (3) years or 30,000 miles after delivery of such vehicle. Such defective part or parts will be repaired or replaced free of charge and without charge for installation to the original purchaser.

Items specifically covered are:

- Electrical harnesses and harness installation
- Printed circuit board
- Switches, circuit breakers and relays

Items excluded are:

- Chassis electrical systems and components installed by chassis manufacturer
- Separately manufactured items installed by Alexis Fire Equipment including, but not limited to; batteries, sirens, battery chargers, inverters, lightbars and similar equipment. (These are covered by warranties supplied by the manufacturer of the components).
- Periodic tightening and cleaning of connection terminals as this is considered routine maintenance
- Normal wear, abuse, accident, negligence or un-approved alteration of original parts.

Should repairs become necessary under the terms of this warranty, the extent of that repair shall be determined solely by Alexis Fire Equipment and shall be performed solely by Alexis Fire Equipment or a repair facility designated by Alexis. The expense of any transportation to or from such repair facility shall be that of the purchaser and is not an item covered by this warranty.

Alexis Fire Equipment reserves the un-restricted right at any time to make changes in design of and/or improvements on its products without thereby imposing any obligation on itself to make corresponding changes or improvements in or on its products theretofore manufactured.

12 VOLT ELECTRICAL SYSTEM:

The electrical system shall be engineered to provide many years of dependable, trouble free service.

The 12-volt apparatus wiring shall be completely independent of the chassis electrical system. The system shall incorporate a state-of-the-art electrical distribution center.

12 VOLT DISTRIBUTION CENTER:



The 12 Volt distribution center shall be located in a poly box beneath the rear seats. The access panel shall incorporate a laminated wiring diagram for ease of maintenance of the electrical system.

A 12 volt fan shall be provided in the distribution center to enhance the air flow around the electrical equipment. The fan shall be switched with the master switch.

FLOOR MOUNTED CONSOLE FOR EMERGENCY SWITCHES:

One (1) 12 volt floor mounted console shall be installed in the apparatus. The console shall be manufactured of black textured composite material. The console shall incorporate the switch row and two (2) slots, one (1) for the electronic siren and one (1) slot for the radio. The console shall also include two (2) cup holders. An integrated storage compartment is provided at the rear of the console for map/binder storage.

RADIO PROVISIONS:

One (1) customer supplied single head radio provision shall be provided in the chassis cab. The cutout shall accommodate the radio make and model specified and shall include a bezel specific to the radio specified.

RADIO WIRING:

Radio wiring shall be provided for the customer supplied and installed radio. The wiring shall include power and ground leads, battery direct and master switched.

ANTENNA:

One (1) Alexis Fire Equipment supplied antenna base, for use with an NMO type antenna, shall be mounted on the cab roof. The antenna base shall be a Motorola base designed for either thick or thin roof material as appropriate for the application and shall include a custom length of RG58 A/U cable with no connector at the radio end of the cable. The cable shall terminate at the center console area.

The radio make and model shall be:_____

MASTER SWITCH:

A 12 Volt Cole-Hersee Rotary switch shall be installed. When in the OFF position, the master switch system shall isolate all electrical power from the apparatus. It shall not interrupt any primary battery/starter wiring originally furnished by the chassis manufacturer.

TIRE PRESSURE MONITORING DEVICE:

One (1) set of Real Wheels LED Air Guard tire pressure indicators shall be shipped loose with the completed apparatus. Features and benefits of the LED Air Guards include

- Safety – Improper tire pressure has a detrimental effect on handling, braking and control.
- Longer Tire Life – According to the D.O.T., 95% of all premature tire wear is caused by underinflation.
- Self-calibrating – LED AirGuard Set & Go memorizes pressure when initially installed and can be easily recalibrated by simply removing and reinstalling.
- Improved Fuel Economy – Proper tire inflation can save an estimated 3% to 5% in fuel costs.
- Battery Standby Time is 2 Years from the date stamped on the LED Air Guard

CHASSIS HIGH IDLE:

The Ford chassis shall incorporate a high idle system installed by Alexis Fire Equipment Company. The high idle system shall utilize the chassis PCM to increase the engine RPM and shall be controlled by a single switch in the chassis cab. The high idle system shall be interlocked to the park brake, service brake, park (automatic transmissions) or the clutch (manual transmissions).

OPTICAL WARNING SYSTEM:

The optical warning system on the fire apparatus shall be capable of two separate signaling modes during emergency operations. One mode shall signal to drivers and pedestrians that the apparatus is responding to an emergency and is calling for the right-of-way. The other mode shall signal that the apparatus is stopped and is blocking the right-of-way.

LED LIGHTBAR:

One (1) Whelen Model Justice LED JE2NFPA 56" LED lightbar shall be mounted at the front of the body. The lightbar shall be switched from the in cab switch panel. This lightbar fills the requirements of Zone A Upper, Zone B Upper, and Zone D Upper.

The light bar shall feature four (4) red corner LED modules, four (4) forward facing Con3 red LED modules, and two (2) forward facing Con3 clear LED modules.

The clear modules shall extinguish when blocking the right of way per NFPA. A stinger switch shall also be provided for control of the white lights in inclement weather.

WARNING LIGHTS (FRONT):



Two (2) Tecniq Model K60-R*00-1 Red LED warning lights shall be mounted on the front brush guard, one (1) on each side. These lights shall be switched from the in cab switch panel. These lights fill the requirements of Zone A Lower.

Each light shall be mounted utilizing a chrome plated flange.

Each light shall incorporate a colored lens.

WARNING LIGHTS (SIDE):

One (1) Tecniq Model K50-R*00-1 Red LED warning light shall be mounted on the right (officer's) side of the front brush guard. The light shall be switched from the in cab switch panel. The light fills the requirements of Zone B Lower.

One (1) Tecniq Model K50-R*00-1 Red LED warning light shall be mounted on the left (driver's) side of the front brush guard. The light shall be switched from the in cab switch panel. The light fills the requirements of Zone D Lower.

The rub rails on each side of the body shall incorporate integral outward facing Red LED strip lights. In addition to the Red LED strip light, the rub rail on each side ahead of the rear wheels shall incorporate one (1) TecNiq E03-D001-1 LED light. These lights shall be switched from the in cab switch panel.

Each cab side light shall be mounted utilizing a chrome plated flange.

Each light shall incorporate a colored lens.

WARNING LIGHTS (REAR):

Two (2) Tecniq Model K60-R*00-1 Red LED warning lights shall be mounted on the lower rear area of the vehicle. These lights shall be switched from the in cab switch panel. These lights fill the requirements of Zone C Lower.

Each light shall be mounted utilizing a chrome plated flange.

Each light shall incorporate a colored lens.

REAR DRIVING SIGNALS:

The rear driving signals shall consist of two (2) Code 3 7X9STTRBZ LED lights, one (1) each side of the apparatus at the rear. The 7X9 LED lights shall incorporate red brake/tail, amber turn, and white backup in a single light head. The mounting shall include a chrome bezel.

ELECTRONIC SIREN:

One (1) Whelen Model 295SLSA1 siren shall be installed in the apparatus. The siren shall be mounted in the cab and shall include a noise-canceling microphone.

SIREN SPEAKER:

One (1) Whelen Model SA315 100 watt siren speaker shall be installed in the apparatus bumper.

BACKUP ALARM:

One (1) 12 volt electronic backup alarm shall be incorporated on the apparatus. The backup alarm shall be a minimum of 97db and switched with the backup light circuitry.

ICC LIGHTING:

Tecniq S34 Series LED Clearance lights shall be installed on the apparatus. They shall be hermetically sealed cartridge lights for ease of service and durability.

LED REAR LICENSE PLATE BRACKET:

There shall be a Cast Products LED license plate bracket provided at the rear of the apparatus.

HAZARD LIGHT:

A red, LED flashing light located in the driving compartment shall be illuminated automatically whenever the apparatus parking brake is not fully engaged and any passenger or equipment compartment door is open, any ladder or equipment rack is not in the stowed position, a stabilizer system is deployed, a powered light tower is extended, or any other device is opened, extended, or deployed that creates a hazard or is likely to cause damage to the apparatus if the apparatus is moved. The light shall be marked "Do Not Move Apparatus When Light Is On".

LED COURTESY LIGHTS (UNDER CARRIAGE LIGHTING):

One (1) 5" 12-volt T44 Series LED light shall be located under each cab door and one (1) shall be located below the rear tail step in the center. All ground area lighting shall be controlled by the master

switch and shall be switched with the parking brake.

In addition to the 5" lights, clear LED strip lights shall be provided integral to the rub rails on each side. The strip lights shall face downward and be activated with the balance of the undercarriage lighting.

LED TAILBOARD COURTESY LIGHTS:

Two (2) S34 Series LED courtesy lights shall be mounted one (1) each side low on the rear panel. The lights shall illuminate the rear tailboard. They shall be switched with the parking brake.

REMOTE CONTROLLED LED SPOTLIGHT:

One (1) GOLIGHT Model 20204 LED remote controlled spotlight shall be installed in the specified location.

The GOLIGHT shall include a dash mounted remote control which gives the operator a full 370 degree horizontal rotation and a 135 degree vertical tilt with finger tip control. The light shall be UV and Saltwater resistant and shall operate at 3 Amps. The unit shall feature Plano-Convex Lens Technology with a cast aluminum heat sync. The GOLIGHT is covered by a manufacturer's 3-Year limited warranty.

LOCATION(S): On the headache rack

LED WORK LIGHT:

There shall be one (1) LED work light provided. The work light shall be a swivel light mounted at the rear top of the tank in the center. The light shall be switched from the lighthouse.

12 VOLT SCENE LIGHT - LED:

One (1) 21" FireTech Model FT-MB-2.18-FT-* 19,008 lumen LED light bar shall be mounted on the front brush guard. The light shall be switched from the in-cab switching console.

Each Firetech Hi-Viz scene light shall be black in color.

BACK-UP CAMERA:

There shall be one (1) RV Cams Voyager Color Observation back-up camera system installed on the apparatus. The system includes one (1) 7" mirror mount color video monitor, color camera, three (3) camera input receiver, and camera cable.



The camera shall feature one-way audio from the rear of the apparatus to the cab.

BRACKETING:

FOLDING STEP(S):

Two (2) large folding step(s) shall be furnished on the apparatus. Each step shall be mounted in the specified location.

Each folding step shall have a chrome finish

LOCATION: Rear

FINISH:

CAB LETTERING:

Vinyl lettering as described below shall be applied to the chassis cab door, one (1) each side. Each letter shall be 2½" to 3½" high and hand applied.

Vinyl letters/numbers shall be applied to the chassis cab fender area, one (1) each side. Each letter/number shall be 2½" to 3½" high and hand applied.

The lettering vinyl style shall be simulated gold leaf.

The lettering font style shall be Eurostile Bold.

The lettering font highlight type shall be shadow.

LAMINATION WARRANTY:

The apparatus shall be covered by a two (2) year warranty against defects in material and workmanship with the graphics process

REFLECTIVE STRIPING:

The finished apparatus shall be striped with 4" reflective Scotchlite striping.

The reflective striping shall be white in color.



 Alexis Fire Equipment
109 East Broadway / Alexis, IL 61412
 800-322-2284  sales@alexisfire.com
 AlexisFire.com

REFLECTIVE STRIPING IN THE CAB:

Two-inch red and white striped retro-reflective material shall be placed on the inside of each opening cab door. The material will be at least 96 square inches, meeting current NFPA standards.

DIAMOND GRADE CHEVRON STRIPING:

The rear of the apparatus shall be striped with Diamond Grade retro-reflective striping. The striping shall be applied in a chevron pattern sloping downward and away from the centerline of the apparatus at a 45° angle. The Chevron striping shall be applied in the following locations: on the rear apron, below the flatbed deck.

The striping shall be single color alternating between red #3992 and fluorescent yellow-green #3983.

MOUNTING:

The skid unit shall be mounted in the pick-up truck bed by Alexis. To balance the loaded unit, it shall be installed as far forward as possible, squared with the bed and bolted in place. The electrical system incorporated on the unit shall be wired to the chassis battery utilizing the Anderson quick disconnect.



Edwards Storm Lake

Scott Olson | 712-732-2474 | scott@edwardsstormlake.com

Vehicle: [Fleet] 2021 Chevrolet Silverado MD (CK56043) 4WD Crew Cab Work Truck (✔ Complete)

Quote: Alexis Fire Equipment Company, Monroe Fire & Rescue

Window Sticker

SUMMARY

[Fleet] 2021 Chevrolet Silverado MD (CK56043) 4WD Crew Cab Work Truck MSRP:\$56,400.00

Interior:Dark Ash seats with Jet Black interior accents, Vinyl seat trim

Exterior 1:Red Hot

Exterior 2:No color has been selected.

Engine, Duramax 6.6L Turbo-Diesel V8, B20-Diesel compatible

Emergency Service Transmission, Automatic close-ratio 6 SPD with double overdrive, Allison, A2700EVS

OPTIONS

CODE	MODEL	MSRP
CK56043	[Fleet] 2021 Chevrolet Silverado MD (CK56043) 4WD Crew Cab Work Truck	\$56,400.00
OPTIONS		
092	Rear axle, 4.30 ratio	\$0.00
1WT	Work Truck Preferred Equipment Group	\$0.00
3F9	Seat Belt, Front, Red	\$40.00
5DY	Electrical Provisions, rear of frame, upfitter, body builder wiring Inc.	
9L3	Spare tire delete	\$0.00
AE7	Seats, front 40/20/40 split-bench, 3-passenger	\$0.00
DD5	GVWR, 21,000 lb. (9525kg)	\$4,300.00
DPN	Mirrors, outside heated power-adjustable vertical trailing, upper glass, manual-folding and extending, black.	\$355.00
EM1	Wheelbase, 199" (505.5 cm), 84" CA	\$180.00
FNP	Front fender extension, painted body color	\$105.00
FPF	DPF, diesel particulate filter, manual regeneration	\$250.00
FTB	Front axle, 7,500 lb., Dana Spicer 60-256, single-reduction, front driving	\$0.00
FU7	Rear suspension, 15,500 lb. (7,031 kg) multi-leaf, vari-rate	\$50.00
G7C	Red Hot	\$0.00
G86	Axle, limited slip, Dana Spicer Truetrac, torque proportioning limited slip	\$350.00

This document contains information considered Confidential between GM and its Clients uniquely. The information provided is not intended for public disclosure. Prices, specifications, and availability are subject to change without notice, and do not include certain fees, taxes and charges that may be required by law or vary by manufacturer or region. Performance figures are guidelines only, and actual performance may vary. Photos may not represent actual vehicles or exact configurations. Content based on report preparer's input is subject to the accuracy of the input provided.

Data Version: 12190. Data Updated: Oct 25, 2020 11:25:00 PM PDT.



Edwards Storm Lake

Scott Olson | 712-732-2474 | scott@edwardsstormlake.com

Vehicle: [Fleet] 2021 Chevrolet Silverado MD (CK56043) 4WD Crew Cab Work Truck (✔ Complete)

Quote: Alexis Fire Equipment Company, Monroe Fire & Rescue

H2Q	Dark Ash seats with Jet Black interior accents, Vinyl seat trim		\$0.00
IO3	Audio system, 4.2" diagonal color display		\$0.00
J27	Rear axle, 15,500 lb. (7,031 kg), Dana Spicer S16-130, single reduction		\$775.00
JL1	Trailer brake controller, integrated		\$275.00
KHB	Alternators, dual, 150 amps and 220 amps each	Inc.	
L5D	Engine, Duramax 6.6L Turbo-Diesel V8, B20-Diesel compatible		\$0.00
MG0	Emergency Service Transmission, Automatic close-ratio 6 SPD with double overdrive, Allison, A2700EVS		\$1,395.00
PTO	Power Take Off, engine control provisions		\$275.00
PWV	Wheels, 19.5" x 6.75", aluminum, 8-holes, hub piloted		\$1,050.00
R6G	26,000 lb. GCWR (11,793 kg)		\$0.00
R7P	6500 HD Series	Inc.	
SFW	Back-up alarm calibration	Inc.	
UY7	Trailer provisions, trailering wire harness only, trailer combined (Stop/Tail/Turn) connection socket and harness mounted at rear of frame.		\$30.00
UZF	Backup alarm	Inc.	
V22	Grille, chrome		\$195.00
V46	Bumper, front chrome		\$100.00
V76	Recovery hooks, front, frame-mounted, black		\$25.00
XMF	Tires, front 225/70R19.5G traction blackwall Goodyear		\$300.00
YF2	Emergency Service Package		\$745.00
YMF	Tires, rear 225/70R19.5G traction blackwall Goodyear		\$595.00
ZY1	Paint, solid		\$0.00

SUBTOTAL	\$67,790.00
Adjustments Total	\$0.00
Tire Weight Tax	\$26.64
Destination Charge	\$1,695.00
TOTAL PRICE	\$69,511.64

This document contains information considered Confidential between GM and its Clients uniquely. The information provided is not intended for public disclosure. Prices, specifications, and availability are subject to change without notice, and do not include certain fees, taxes and charges that may be required by law or vary by manufacturer or region. Performance figures are guidelines only, and actual performance may vary. Photos may not represent actual vehicles or exact configurations. Content based on report preparer's input is subject to the accuracy of the input provided.

Data Version: 12190. Data Updated: Oct 25, 2020 11:25:00 PM PDT.



Edwards Storm Lake

Scott Olson | 712-732-2474 | scott@edwardsstormlake.com

Vehicle: [Fleet] 2021 Chevrolet Silverado MD (CK56043) 4WD Crew Cab Work Truck (✔ Complete)

Quote: Alexis Fire Equipment Company, Monroe Fire & Rescue

Selected Model and Options

MODEL

CODE	MODEL	MSRP
CK56043	2021 Chevrolet Silverado MD 4WD Crew Cab Work Truck	\$56,400.00

COLORS

CODE	DESCRIPTION
G7C	Red Hot

MODEL OPTION

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
R7P	6500 HD Series (Included and only available with (DD5) 21,000 lb. GVWR, (C5D) 22,500 lb. GVWR or (DB9) 23,000 lb. GVWR.)	0.00 lbs	0.00 lbs	Inc.

GVWR

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
DD5	GVWR, 21,000 lb. (9525kg) (Silverado 6500 HD 4WD models require one of the following combinations: (1) (FTB) 7.5k front axle and (FTV) 7.5k front suspension and (HD2) 13.5k rear axle and (GR4) 13.5k rear suspension. (2) (FTB) 7.5k front axle and (FTV) 7.5k front suspension and (HD1) 15k rear axle or (J27) 15.5k rear axle and (GR4) 13.5k rear suspension or (FU7) 15.5k rear suspension.)	0.00 lbs	0.00 lbs	\$4,300.00

REQUIRED OPTION

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
R6G	26,000 lb. GCWR (11,793 kg) (Requires 26k GCWR transmission (MWA, MWB, MIU, MIA, MH1, MG0, MIX, MF0, MA6 or MB6).)	0.00 lbs	0.00 lbs	\$0.00

ENGINE

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
L5D	Engine, Duramax 6.6L Turbo-Diesel V8, B20-Diesel compatible 350 hp @ 2700 rpm, 700 lb.-ft. torque @ 1600 rpm (STD)	0.00 lbs	0.00 lbs	\$0.00

This document contains information considered Confidential between GM and its Clients uniquely. The information provided is not intended for public disclosure. Prices, specifications, and availability are subject to change without notice, and do not include certain fees, taxes and charges that may be required by law or vary by manufacturer or region. Performance figures are guidelines only, and actual performance may vary. Photos may not represent actual vehicles or exact configurations. Content based on report preparer's input is subject to the accuracy of the input provided.

Data Version: 12190. Data Updated: Oct 25, 2020 11:25:00 PM PDT.



Edwards Storm Lake

Scott Olson | 712-732-2474 | scott@edwardsstormlake.com

Vehicle: [Fleet] 2021 Chevrolet Silverado MD (CK56043) 4WD Crew Cab Work Truck (✔ Complete)

Quote: Alexis Fire Equipment Company, Monroe Fire & Rescue

POWER TAKE OFF

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
PTO	Power Take Off, engine control provisions Access is available on left-hand and right-hand side	0.00 lbs	0.00 lbs	\$275.00

TRANSMISSION

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
MGO	Emergency Service Transmission, Automatic close-ratio 6 SPD with double overdrive, Allison, A2700EVS ratios: 3.10 1ST, 1.80 2ND, 1.40 3RD, 1.00 4TH, 0.70 5TH, 0.61 6TH, Emergency Vehicle Series, 26K GVW & 26K GCW Max., requires PTO and park pawl. Available with GVWs greater than 19.5K (Requires (DD5) 21,000 lb. GVWR, (C5D) 22,500 lb. GVWR or (DB9) 23,000 lb. GVWR. Requires (YF2) Emergency Service Package and (R6G) 26,000 lb. GCWR (11,793 kg).)	0.00 lbs	0.00 lbs	\$1,395.00

AXLE

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
092	Rear axle, 4.30 ratio Max road speed: 75 MPH	0.00 lbs	0.00 lbs	\$0.00

FRONT AXLE

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
FTB	Front axle, 7,500 lb., Dana Spicer 60-256, single-reduction, front driving	0.00 lbs	0.00 lbs	\$0.00

REAR AXLE

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
J27	Rear axle, 15,500 lb. (7,031 kg), Dana Spicer S16-130, single reduction (Note: 15,500 lb. rear axle capacity can be reduced by rear tire capacity or rear suspension. Maximum axle capacity will not be higher than the rear tire or rear suspension capacity selected for vehicle.)	0.00 lbs	0.00 lbs	\$775.00

This document contains information considered Confidential between GM and its Clients uniquely. The information provided is not intended for public disclosure. Prices, specifications, and availability are subject to change without notice, and do not include certain fees, taxes and charges that may be required by law or vary by manufacturer or region. Performance figures are guidelines only, and actual performance may vary. Photos may not represent actual vehicles or exact configurations. Content based on report preparer's input is subject to the accuracy of the input provided.

Data Version: 12190. Data Updated: Oct 25, 2020 11:25:00 PM PDT.



Edwards Storm Lake

Scott Olson | 712-732-2474 | scott@edwardsstormlake.com

Vehicle: [Fleet] 2021 Chevrolet Silverado MD (CK56043) 4WD Crew Cab Work Truck (✔ Complete)

Quote: Alexis Fire Equipment Company, Monroe Fire & Rescue

REAR SUSPENSION

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
FU7	Rear suspension, 15,500 lb. (7,031 kg) multi-leaf, vari-rate	0.00 lbs	0.00 lbs	\$50.00

WHEELBASE

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
EM1	Wheelbase, 199" (505.5 cm), 84" CA (Requires (FOC) 49" axle to end of frame or (FOD) 63" axle to end of frame.)	0.00 lbs	0.00 lbs	\$180.00

PREFERRED EQUIPMENT GROUP

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
1WT	Work Truck Preferred Equipment Group includes standard equipment	0.00 lbs	0.00 lbs	\$0.00

WHEEL TYPE

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
PWV	Wheels, 19.5" x 6.75", aluminum, 8-holes, hub piloted Dura-Bright finish is on the outside of the wheel	0.00 lbs	0.00 lbs	\$1,050.00

FRONT TIRES

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
XMF	Tires, front 225/70R19.5G traction blackwall Goodyear Max Axle Load: 7,940 lb. (Requires (YMF) rear 225/70R19.5G traction blackwall Goodyear tires.)	0.00 lbs	0.00 lbs	\$300.00

REAR TIRES

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
YMF	Tires, rear 225/70R19.5G traction blackwall Goodyear Max Axle Load: 15,000 lb.	0.00 lbs	0.00 lbs	\$595.00

This document contains information considered Confidential between GM and its Clients uniquely. The information provided is not intended for public disclosure. Prices, specifications, and availability are subject to change without notice, and do not include certain fees, taxes and charges that may be required by law or vary by manufacturer or region. Performance figures are guidelines only, and actual performance may vary. Photos may not represent actual vehicles or exact configurations. Content based on report preparer's input is subject to the accuracy of the input provided.

Data Version: 12190. Data Updated: Oct 25, 2020 11:25:00 PM PDT.



Edwards Storm Lake

Scott Olson | 712-732-2474 | scott@edwardsstormlake.com

Vehicle: [Fleet] 2021 Chevrolet Silverado MD (CK56043) 4WD Crew Cab Work Truck (✔ Complete)

Quote: Alexis Fire Equipment Company, Monroe Fire & Rescue

SPARE TIRE

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
9L3	Spare tire delete (STD)	0.00 lbs	0.00 lbs	\$0.00

PAINT SCHEME

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
ZY1	Paint, solid	0.00 lbs	0.00 lbs	\$0.00

PAINT

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
G7C	Red Hot	0.00 lbs	0.00 lbs	\$0.00

SEAT TYPE

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
AE7	Seats, front 40/20/40 split-bench, 3-passenger driver and front passenger recline with outboard head restraints and center fold-down armrest with storage. Vinyl has fixed lumbar and cloth has manually adjustable driver lumbar. (STD)	0.00 lbs	0.00 lbs	\$0.00

SEAT TRIM

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
H2Q	Dark Ash seats with Jet Black interior accents, Vinyl seat trim	0.00 lbs	0.00 lbs	\$0.00

RADIO

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
IO3	Audio system, 4.2" diagonal color display AM/FM stereo with USB port and auxiliary jack (Requires (AE7) front 40/20/40 split-bench seat. Not available with (UE1) OnStar or (U2K) SiriusXM Radio.) (STD)	0.00 lbs	0.00 lbs	\$0.00

This document contains information considered Confidential between GM and its Clients uniquely. The information provided is not intended for public disclosure. Prices, specifications, and availability are subject to change without notice, and do not include certain fees, taxes and charges that may be required by law or vary by manufacturer or region. Performance figures are guidelines only, and actual performance may vary. Photos may not represent actual vehicles or exact configurations. Content based on report preparer's input is subject to the accuracy of the input provided.

Data Version: 12190. Data Updated: Oct 25, 2020 11:25:00 PM PDT.



Edwards Storm Lake

Scott Olson | 712-732-2474 | scott@edwardsstormlake.com

Vehicle: [Fleet] 2021 Chevrolet Silverado MD (CK56043) 4WD Crew Cab Work Truck (✔ Complete)

Quote: Alexis Fire Equipment Company, Monroe Fire & Rescue

ADDITIONAL EQUIPMENT - PACKAGE

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
YF2	Emergency Service Package includes (KHB) dual alternators, (UZF) backup alarm and (5DY) end of cab wiring provisions (Requires (FPF) DPF, diesel particulate filter, manual regeneration and Emergency Service transmission, (MBY), (MH1), (MHV) or (MG0). Not available with (9D4) Governor, electronic speed sensor set to 55 MPH, SEO. Requires (G86) limited slip rear axle.)	0.00 lbs	0.00 lbs	\$745.00

ADDITIONAL EQUIPMENT - MECHANICAL

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
FPF	DPF, diesel particulate filter, manual regeneration customer regeneration will not be allowed until the DPF load percentage has reached 100% full and a driver information center (DIC) message has been shown (Required with (YF2) Emergency Service Package.)	0.00 lbs	0.00 lbs	\$250.00
G86	Axle, limited slip, Dana Spicer Truetrac, torque proportioning limited slip	0.00 lbs	0.00 lbs	\$350.00
JL1	Trailer brake controller, integrated (Requires (UY7) Trailering provisions.)	0.00 lbs	0.00 lbs	\$275.00
KHB	Alternators, dual, 150 amps and 220 amps each (Included with (YF2) Emergency Service Package.)	0.00 lbs	0.00 lbs	Inc.
UY7	Trailering provisions, trailering wire harness only, trailer combined (Stop/Tail/Turn) connection socket and harness mounted at rear of frame. (Requires (JL1) Trailer brake controller.)	0.00 lbs	0.00 lbs	\$30.00
V76	Recovery hooks, front, frame-mounted, black (Not available with (T3A) front bumper with 4" extension.)	0.00 lbs	0.00 lbs	\$25.00

This document contains information considered Confidential between GM and its Clients uniquely. The information provided is not intended for public disclosure. Prices, specifications, and availability are subject to change without notice, and do not include certain fees, taxes and charges that may be required by law or vary by manufacturer or region. Performance figures are guidelines only, and actual performance may vary. Photos may not represent actual vehicles or exact configurations. Content based on report preparer's input is subject to the accuracy of the input provided.

Data Version: 12190. Data Updated: Oct 25, 2020 11:25:00 PM PDT.



Edwards Storm Lake

Scott Olson | 712-732-2474 | scott@edwardsstormlake.com

Vehicle: [Fleet] 2021 Chevrolet Silverado MD (CK56043) 4WD Crew Cab Work Truck (✔ Complete)

Quote: Alexis Fire Equipment Company, Monroe Fire & Rescue

ADDITIONAL EQUIPMENT - EXTERIOR

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
5DY	Electrical Provisions, rear of frame, upfitter, body builder wiring includes Sealed Connectors for Tail/Amber Turn/Marker/Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn (Included with (YF2) Emergency Service Package. Not available with (5DX) Electrical Provisions to rear of cab.)	0.00 lbs	0.00 lbs	Inc.
DPN	Mirrors, outside heated power-adjustable vertical trailering, upper glass, manual-folding and extending, black. Includes integrated turn signal indicators consisting of 51 square inch flat mirror surface positioned over a 24.5 square inch convex mirror surface with a common head and lower convex spotter glass (convex glass is not heated and not power adjustable) and addition of Auxiliary cargo lamp for backing up (helps to see trailer when backing up with a trailer) and amber auxiliary clearance lamp	0.00 lbs	0.00 lbs	\$355.00
FNP	Front fender extension, painted body color (Not available with (FNX) Black front fender extension.)	0.00 lbs	0.00 lbs	\$105.00
V22	Grille, chrome	0.00 lbs	0.00 lbs	\$195.00
V46	Bumper, front chrome	0.00 lbs	0.00 lbs	\$100.00

ADDITIONAL EQUIPMENT - INTERIOR

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
3F9	Seat Belt, Front, Red (center seat belt will ship loose)	0.00 lbs	0.00 lbs	\$40.00
SFW	Back-up alarm calibration This calibration will allow installation of an aftermarket back-up alarm by disabling rear perimeter lighting	0.00 lbs	0.00 lbs	Inc.

ADDITIONAL EQUIPMENT - SAFETY-INTERIOR

CODE	DESCRIPTION	FRONT WEIGHT	REAR WEIGHT	MSRP
UZF	Backup alarm (Includes (SFW) SEO Calibration for backup alarm. Included with (YF2) Emergency Service Package.)	0.00 lbs	0.00 lbs	Inc.
Options Total		0.00 lbs	0.00 lbs	\$11,390.00
As Specified Curb Weight		5649.00 lbs	3272.00 lbs	

This document contains information considered Confidential between GM and its Clients uniquely. The information provided is not intended for public disclosure. Prices, specifications, and availability are subject to change without notice, and do not include certain fees, taxes and charges that may be required by law or vary by manufacturer or region. Performance figures are guidelines only, and actual performance may vary. Photos may not represent actual vehicles or exact configurations. Content based on report preparer's input is subject to the accuracy of the input provided.

Data Version: 12190. Data Updated: Oct 25, 2020 11:25:00 PM PDT.



Edwards Storm Lake

Scott Olson | 712-732-2474 | scott@edwardsstormlake.com

Vehicle: [Fleet] 2021 Chevrolet Silverado MD (CK56043) 4WD Crew Cab Work Truck (✔ Complete)

Quote: Alexis Fire Equipment Company, Monroe Fire & Rescue

Price Summary

PRICE SUMMARY

	MSRP
Base Price	\$56,400.00
Total Options	\$11,390.00
Vehicle Subtotal	\$67,790.00
Tire Weight Tax (TWT)	\$26.64
Destination Charge	\$1,695.00
Grand Total	\$69,511.64

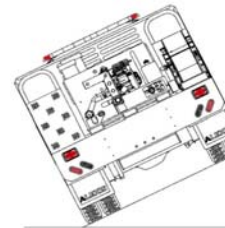
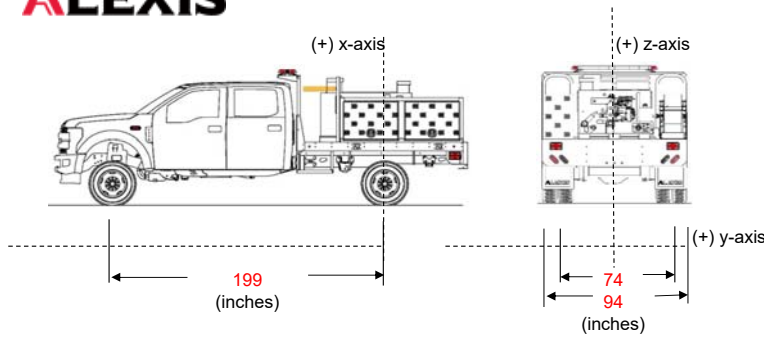
This document contains information considered Confidential between GM and its Clients uniquely. The information provided is not intended for public disclosure. Prices, specifications, and availability are subject to change without notice, and do not include certain fees, taxes and charges that may be required by law or vary by manufacturer or region. Performance figures are guidelines only, and actual performance may vary. Photos may not represent actual vehicles or exact configurations. Content based on report preparer's input is subject to the accuracy of the input provided.

Data Version: 12190. Data Updated: Oct 25, 2020 11:25:00 PM PDT.

VERTICAL CENTER OF GRAVITY / WEIGHT DISTRIBUTION

DWG NO. **UT-A37**

11/1/2023



Contract No: **S789**
 Proposal Name: **Alexis Fire Equipment**
 Calculated By: **C. Shuck**
 Revision:
 Type of Chassis: **Chevrolet 6500 4-dr**
 Type of Pump: **Waterous PB18-2515 gas**
 Cab to Axle: **83.8**
 Tank Capacity: **300** Water
10 Foam

Item	Weight (lbs)	Coordinates Local C.G. (in)				Weight (lbs)				
		z	x	y	% Rear	Front	Rear	% Left	Right	Left
Chassis	8921	0	126	35	37%	5649	3272	50%	4461	4461
Poly Tank (w/water)	2875	0	11.8	62.5	94%	170	2705	50%	1438	1438
Officer & Driver	500	0	136	61	32%	342	158	50%	250	250
Men & Equip.	500	0	95	61	52%	239	261	50%	250	250
Body Module	2160	2	21.28	51	89%	231	1929	49%	1103	1057
					0%	0	0	0%	0	0
Add. Equip. Front	1038	0	69.5	49	65%	363	676	50%	519	519
Add. Equip. Rear	462	0	-37.3	49	119%	-87	548	50%	231	231
Hose bed	0	0	0	0	0%	0	0	0%	0	0
					0%	0	0	0%	0	0
Pump	135	0	-35.2	60.7	118%	-24	159	50%	68	68
Bumper replacement	301	0	240	39.5	-21%	363	-62	50%	151	151
Booster Reel	185	39	-37.25	59.6	119%	-35	220	29%	131	54
Hose Tray	150	-36.75	-15.5	79.3	108%	-12	162	70%	46	104
					0%			0%		
					0%			0%		
					0%			0%		
					0%			0%		
					0%			0%		
					0%			0%		
					0%			0%		
					0%			0%		
					0%			0%		
					0%			0%		
					0%			0%		
					0%			0%		
					0%			0%		
Total	17227	Global Center of Gravity				7200	10027		8646	8581
GAWR	23000	z	x	y		7500	15500			
Load as % of Total	100%	0.3	83.2	45.3		42%	58%		50%	50%
						OK	OK		TRUE	

Truck Tipping Angle: **39** degrees (Full Water Tank) **OK**
 Maximum vertical center of gravity "z" = **59.20** **OK**
 (Maximum "z" is 80% of the rear axle track width)



HOSE CAPACITIES

DWG NO.

UT-A37

11/1/2023

Customer Alexis Fire Equipment
 Calculated By C. Shuck

Contract No. S789
 Rev. No. 0

HOSE BED				Hose				
Length				Size				
Width				Amount				
Height				DF	0	0	0	0
Cu. Ft.	0.00	0.00		Cu. Ft.	0.00	0.00	0.00	0.00
Total			0.00	Total				0.00
Total			0.00	Total Need				0.00

MATTYDALES				Hose				
Length				Size				
Width				Amount				
Height				DF	0	0	0	
Cu. Ft.	0.00	0.00	0.00	Cu. Ft.	0.00	0.00	0.00	
Total			0.00	Total				0.00

CARTRIDGE LAYS				Hose				
Length				Size				
Width				Amount				
Height				DF	0	0	0	
Cu. Ft.	0.00	0.00	0.00	Cu. Ft.	0.00	0.00	0.00	
Total			0.00	Total				0.00

HOSE TRAYS				Hose				
Length	73			Size	2 1/2			
Width	20			Amount	200			
Height	6			DF	41	0	0	
Cu. Ft.	5.07	0.00	0.00	Cu. Ft.	4.75	0.00	0.00	
Total			5.07	Total				4.75

HOSE WELLS				Hose				
Length				Size				
Width				Amount				
Height				DF	0	0	0	
Cu. Ft.	0.00	0.00	0.00	Cu. Ft.	0.00	0.00	0.00	
Total			0.00	Total				0.00

Standard Hose Dimensions per NFPA (2003 Edition)

1 3/4" lays 3 1/4" wide	DF=	26	1" FORESTRY lays 1 3/4" wide	DF=	10
2" (ANGUS) lays 3 3/4" wide	DF=	32	1 1/2" FORESTRY 2 1/2" wide	DF=	14
2 1/2" lays 4 1/2" wide	DF=	41			
3" lays 5 1/4" wide	DF=	50			
4" lays 6 1/2" wide	DF=	58			
5" lays 8" wide - Angus	DF=	96			
5" lays 8-1/2" wide - Cotton	DF=	102			
6" lays 9 1/2" wide	DF=	108			



COMPARTMENT SPACE CALCULATOR

DWG NO. **UT-A37**
11/1/2023

Customer: Alexis Fire Equipment
Calculated By: C. Shuck

Contract No. S789
Revision No. _____

	Width	Height	Depth	Cubic Feet
L1 UPPER	22.2500	31.5000	45.0000	18.2520
L1 LOWER	22.2500	16.6250	17.0000	3.6391
L2	42.5000	26.6250	17.0000	11.1323
L3 UPPER	30.0000	32.5313	11.0000	6.2126
L3 LOWER	30.0000	12.0000	17.0000	3.5417
R1 UPPER	22.2500	31.5000	45.0000	18.2520
R1 LOWER	22.2500	16.6250	17.0000	3.6391
R2	42.5000	26.6250	17.0000	11.1323
R3	30.0000	12.0000	17.0000	3.5417

TOTAL in CUBIC FT. 79.34