

Minutes of the Wilton Select Board Meeting  
March 19, 2024

**(FULL RECORDING IS AVAILABLE AT [www.mtbluetv.org](http://www.mtbluetv.org))**

Members Present: David Leavitt, Mike Wells, Tiffany Maiuri, Keith Swett, Phil Hilton, Maria Greeley (Town Manager).

**Item #1-Pledge of Allegiance**

**Item #2- Minutes of the Selectboard Meeting**

Motion by Mike/Second by David-To Approve the Minutes of the Select Board Meeting of March 5, 2024(with the correction of striking out the zero on the trio error on cost amount making it \$9,877.50)

Vote: 5-0 To Amend the corrected amount on Trio

Vote: 5-0 On approval of the Select Board Meeting Minutes

**Item #3- Public to speak on non-agenda item**

A Wilton Resident wanted to say Thank you for the effort in adding the Select Board Meeting Minutes to the Town of Wilton website.

**Item #4-Set Sewer Rate**

Dalton Plante, Superintendent of the Water & Sewer Department spoke on the need of increasing the Sewer rate. He stated that as presented and approved in our 2024 Sewer Budget, there is a \$62,174 deficit. He gave an overview of LD1911-Prohibition for the land application of sludge generated from human waste. He stated that we are approximately \$15,000 over budget for sludge removal, with the remaining due to personnel costs via the Union Contract and also inflation costs. To accommodate the deficit, Dalton recommended an 8 percent rate increase. Based on minimum usage of 1000 cubic feet the increase would be \$15.83 quarter and the new quarterly rate based on minimum usage would be \$213.76.

David-Will the 8 percent cover for the year? We are already almost through the first quarter of your fiscal year.

Dalton feels that this will not be a concern. The rate increase of 15 percent that took place last year took effect about this time of year, April.

Motion by David/Second by Keith-Move to approve the Sewer Rate Increase of 8 percent as presented.

Vote: 5-0

### **Item #5-East Dixfield Fire Truck Discussion**

Maria discussed East Dixfield Fire Department requesting the Town of Wilton to split the cost of the purchase of a fire truck. Some money has been set aside for their half. Currently, their truck is a 1979 and is in need of replacement.

Tiffany suggested looking into the TIF Account as an option.

Mike asked what is available in the TIF Account?

Maria explained that she does not have the exact figures but estimated an approximate \$100,000. We currently appropriate \$30,000 debt service to the Water (Sewer) Department and Maria is proposing to pay the Events Coordinator out of the TIF as it was last year. There are no more debt payments for our fire department. That loan has been paid off.

Motion by David/Second by Mike-Move to Approve the purchase of the East Dixfield Fire Truck. (Supporting Documents attached)

Keith stated that he is currently a member on the East Dixfield Fire Department and wanted to make people aware.

David stated and asked, we treat the Fire Department as one, we are a Town. We did this when we did the air packs purchase. Could we borrow and pay an annual payment? It wouldn't affect tax payers. It would get the piece of equipment into the other side of the Town and still go forward with splitting the cost in the TIF Account.

Mike asked what would the cost be?

Maria-\$359,898.00. We would be on the hook for approximately \$180,000. The next step would be an RFP.

Mike asked what dollar amount went to the ladder truck since that's all been paid off? We would have that available to use as an option.

Maria-\$54,000

Vote: 4-1 Abstain (Keith)

### **Item #6-Boston Cane Policy Approval/Nomination Process**

Maria would like to move forward with nominating for the Boston Cane. Our Town Clerk, Heather Harris has prepared a policy pertaining to the process of the Boston Cane nominations. She used sample policies that other towns have used. The Select Board would award the Cane. We have an original Boston Post Cane and a replica. We would like to display the original one here in Town. The replica is the one that is distributed to the eldest resident in the community.

Keith spoke on his concern in that he feels the Town Manager should give the cane and he also had concern with the language in the proposed policy that states the resident would automatically lose it if they were in an Assisted Living Facility. We do not have any Assisted Living Facilities in Wilton. Keith does not agree with this if they were living in Wilton.

Motion by Mike/Second by Keith-To accept the Boston Cane Policy and clarify the concerns mentioned in item #2.

Maria suggested the language to be as follows: The recipient will retain the honor until they leave residency or they leave the Town of Wilton for another permanent residency or until death even though another resident may become eligible. The exception to this, if the recipient resides in a hospital, nursing home or other long-term facility or if they found themselves in a situation where they needed to live with family, they would be the exception to living in another community.

Motion by David/Second by Mike-To Approve and accept the policy as amended Paragraph #2 under eligibility will be updated with the suggested language along with the presentation of the Cane (Attached- updated Policy)

Vote: 5-0

### **Item #7-Franklin County-Town Caucus/Budget Committee Vacancies**

(See Attached)

### **Item #8-Other**

-Liquor License Renewal for Calzolaio's.

Motion by David/Second by Mike-To Approve the liquor License for Calzolaio's.

Maria stated that the taxes are current and that there are no violations that she is aware of.

Vote: 5-0

-Solar Credits- The Water and Sewer Department have signed agreements with Nautilus. The Town is not part of this as anticipated therefore another Solar developer (Ampion) will be looked into. Maria has received Ampion's Agreement and will send to the Select Board if required. The savings would be the same as what Nautilus offers and that is 15 percent on solar credits.

### **Item #9-Manager's Report**

Maria discussed the following:

- Insurance RFP-Request for approval to send out an RFP. Our insurance premiums are expected to increase by 12 percent starting July 1.
- Maria and Tiffany met with Brian Lipold and Michael Edgecomb from Casco Bay Advisors to review the current Franchise Agreement. In their review, they found areas where we need to follow up with Bee Line on whether certain items have been followed through with.
- On Monday April 8, much of Maine will experience a "total solar eclipse" during which the moon will block the sun for about 3 minutes. This will take place at approximately 3:28 P.M. and will be over by 3:35 P.M. There will be a partial eclipse-where the moon is blocking a portion of the sun for approximately one hour on either side of the total eclipse. Communities such as Rangeley and Carrabassett Valley will experience the most influx of people-however, many communities (such as ours) will experience an influx in traffic. Our highway, police and fire departments have all been briefed on the upcoming event.

### **Item #10- Executive Session pursuant to 1 M.R.S.A § 405(6)(D)- Negotiations/Labor Contracts**

Motion by David/Second by Keith-To enter into Executive Session pursuant to 1 M.R.S.A § 405(6)(D)-Negotiations/Labor Contracts.

Vote: 5-0 6:39P.M.(In) 6:54 P.M. (Out)

**Item #11- Executive Session pursuant to 1 M.R.S.A § 405(6)(A)-Personnel**

Motion by David/Second by Phil-To enter into Executive Session pursuant to 1  
M.R.S.A § 405(6)(A)-Personnel

6:54 P.M.(In) 7:25 P.M. (Out)

**Item #12- Executive Session pursuant to 1 M.R.S.A § 405(6)(E)-Legal**

Motion by David/Second by Keith-To enter into Executive Session pursuant to 1  
M.R.S.A § 405(6)(E)-Legal

7:25 P.M. (In) 7:38 P.M. (Out)

Vote: 5-0

**Item #13-Adjourn**

Motion by David/Second by Mike-Move to Adjourn

Vote: 5-0 7:38 P.M.

Fouts Bros Fire Equipment



**FOUTS BROS**

FOUTS 4

INITIAL ATTACK

Fouts Bros.  
138 Roberson Mill Road  
Milledgeville, GA 31061  
1-800-948-5045

# Fouts Bros Fire Equipment

## **SCOPE AND GENERAL REQUIREMENTS**

It is the intent of the manufacturer to provide a new fire apparatus that will withstand the continuous use encountered in the emergency fire fighting service. The apparatus shall be of the latest type, symmetrically proportioned and constructed with due consideration of the load to be sustained.

All parts not specifically mentioned herein, but which are necessary in order to furnish a complete fire apparatus, shall be furnished and shall conform to the best practices known to the fire apparatus industry.

The unit is to be of current year manufacture, and is to be new and unused. The bid price shall not include any local, State, or Federal taxes. The Bidder shall not be liable for any State or Federally mandated tax or program after the sale of this apparatus.

These specifications shall be construed as minimum. Should the manufacturer's current published data or specifications exceed these, they shall be considered minimum and be furnished.

## **PRIME BIDDER, MANUFACTURER**

The manufacturer shall be prime bidder and shall identify the location of their facility.

## **BIDDERS BACKGROUND**

Bids are requested from responsible manufacturers who are engaged in the manufacture of fire apparatus. To insure reliable and complete acceptance of the apparatus, bidder shall have been in operation for a minimum of twenty (20) years in the manufacturing of fire apparatus.

The manufacturer of the apparatus must be fully owned and managed by a Parent Company, Corporation, or Individual(s) that is 100% held by United States of America based Company, Corporation, or United States citizen(s).

Proposals from any manufacturer that is fully or partially owned and/or operated by a foreign company, Corporation or Individual(s) under any type of ownership, partnership, or any similar type of agreement will be immediately rejected.

If the manufacturer of the apparatus, or if any owner, shareholder, or immediate relative of an owner or shareholder that has previously been involved in or held ownership in any company that has filed bankruptcy or any other type of reorganization plan, it must be clearly stated in the bid proposal. The statement must include details and dates of all occurrences.

## **FAMA COMPLIANCE**

# Fouts Bros Fire Equipment

The apparatus manufacturer must be a current member of the Fire Apparatus Manufacturer's Association (FAMA) and must provide certificate of membership.

## **FAIR, ETHICAL AND LEGAL COMPETITION**

In order to ensure fair, ethical, and legal competition the apparatus manufacturer shall have ever been fined or convicted of price fixing, bid rigging, or collusion in any domestic or international fire apparatus market.

## **PROPRIETARY PARTS**

It is the intention of the purchaser for all bidders to furnish the apparatus with major parts commonly used by the heavy-duty truck manufacturers and open market vendors whereas replacement parts are more readily available and at reduced cost. The use of proprietary parts may not be acceptable to the purchaser.

## **MANUFACTURER'S DISCRETION**

Materials, parts, or procedures used are subject to change at manufacturer's discretion at any time to provide equal or better products.

## **COOPERATIVE PURCHASING**

The manufacturer shall be pleased to allow other public agencies to use the purchase agreement resulting from this invitation to bid unless the bidder expressly notes on the proposal form that prices are not available for tag-on. The condition of such use by other agencies shall be that any such agency must make and pursue contact, purchase order/contract, and all contractual remedies with the successful bidder. Such tag-ons shall be done so that the purchaser has no responsibility for performance by either the manufacturer or the agency using the contract.

## **PRODUCT QUALITY AND WORKMANSHIP**

The components provided and workmanship performed shall be of the highest quality available for this application. Special consideration shall be given to the following areas:

- A). Accessibility to various components that require periodic maintenance or lubrication checks.
- B). Ease of vehicle and pump operation.
- C). Features beneficial to the intended operation of the apparatus.

Construction of the complete apparatus shall be designed to carry the loads intended to meet the road and terrain conditions and speed requirements desired when specified by the purchaser.



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Welding shall not be employed in the assembly of the apparatus in a manner that will prevent the removal of any major component part for service and/or repair.

## **INSURANCE REQUIREMENTS**

Each bidder must submit with their bid proposal a Certificate of Insurance listing the proposed manufacturer's product liability insurance coverage. Liability insurance shall be a minimum amount of ten (10) million dollars. Submitted certificate shall name the apparatus manufacturer, insurance company, policy number, and effective dates of the insurance policy. Bids submitted without the required certificate will be considered nonresponsive and automatically rejected. No exceptions are allowed to the minimum insurance coverage requirement.

The manufacturer shall maintain full insurance coverage on the purchaser's cab and chassis from time of first possession by the manufacturer until the apparatus is delivered and accepted by the purchaser (No Exceptions). Purchaser reserves the right to require proof of insurance from the manufacturer's insurance carrier prior to entering into a contract for the apparatus.

## **PAYMENT TERMS**

Full payment for the apparatus shall be made at time of delivery of the completed vehicle. Due to insurance liability, the apparatus will not be left at the purchaser's location without full acceptance and payment or prior agreement between the Purchaser and Bidder.

Final delivery price shall not include any Local, State or Federal taxes. The manufacturer shall not be liable for any State or Federal mandated tax or program after sale or delivery of the apparatus.

## **VEHICLE ACCEPTANCE AND DELIVERY**

The customer shall pickup the vehicle at the manufacturing facility and shall supply evidence of sufficient insurance coverage to transport the vehicle.

## **FUEL TANK FILLED AT DELIVERY**

The fuel tank and DEF tank (if applicable) shall be filled upon final delivery at the factory.

## **APPARATUS DIMENSIONS**

These are standard truck dimensions. Changes in configuration or additional options may affect these dimensions. The contract specification shall contain the exact dimensions.

## **OVERALL HEIGHT**

The overall height shall be less than 96.00".

## **OVERALL LENGTH**

The overall length shall be no longer than 26.00'.

## **OVERALL WIDTH**

The overall width of the body shall be 96.00" wide; chassis mirrors will extend out past this width.

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## **PUMP HOUSE DIMENSIONS**

The pump module shall be 24.00" wide.

## **ANGLE OF APPROACH**

The angle of approach for the apparatus shall not be less than eight (8) degrees as specified by the current edition of NFPA 1901/ 1906.

## **ANGLE OF DEPARTURE**

The angle of departure for the apparatus shall not be less than eight (8) degrees as specified by the current edition of NFPA 1901/ 1906.

## **NFPA 1901, 2016 STANDARDS**

This apparatus specification includes a commercial chassis that has not been certified to meet the requirements of NFPA 1901, 2016 edition by the chassis manufacturer. Although this chassis may comply with certain aspects of the standard, the apparatus manufacturer has not received certification from this chassis manufacturer that all criteria have been met. The body as built by the manufacturer must comply with the NFPA standards effective January of 2016.

## **ROAD TEST CERTIFICATION**

A road test shall be conducted with the finished apparatus fully loaded. During this time, the apparatus shall not show loss of power and/or overheating. The transmission driveshaft or shafts and rear axle shall run free from abnormal vibration or noise throughout the operating range of the apparatus. The apparatus, when loaded, shall have not less than 25% or more than 45% of the weight on the front axle and not less than 55% or more than 75% on the rear axle.

- A). The apparatus must be capable of accelerating to 35 mph from a standing start within 25 seconds on a level concrete highway without exceeding the maximum governed RPM of the engine.
- B). The apparatus must be capable of accelerating from a steady speed of 15 mph to a true speed of 35 mph within 30 seconds. This shall be accomplished without moving the gear selector.
- C). The fully loaded apparatus shall be capable of obtaining a speed of 50 to 55 mph on a level concrete highway.
- D). The manufacturer shall furnish copies of the engine installation approvals signed by the appropriate engine company upon delivery of the chassis to the Fire Department.
- E). The manufacturer shall furnish copies of the transmission approval signed by the transmission manufacturer upon delivery of the chassis to the Fire Department.
- F). The manufacturer shall furnish copies of the front and rear axle approvals upon delivery of the apparatus to the Fire Department.

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## **ROAD TEST FAILURE**

In the event the apparatus fails to meet the test requirements of these specifications on the first trials, second trials may be made at the option of the manufacturer within thirty (30) days of the first trials. Such trials shall be final and conclusive and failure to comply with changes, as the purchaser may consider necessary to conform to any clause of the specifications within thirty (30) days after notice is given to the manufacturer of such changes, shall be cause for rejection of the apparatus. Permission to keep or store the apparatus in any building owned or occupied by the purchaser, or its use by the purchaser during the above-specified period with permission of the manufacturer, shall not constitute acceptance.

## **SEATED AND BELTED WARNING LABEL - FAMA# 07**

A permanent label shall be provided that is visible to all occupants that states that they should be seated and belted while the apparatus is in motion. The label shall also state potential injuries or death that could be caused if the safety belts are not used properly.

## **CAB INTERIOR EQUIPMENT MOUNTING DANGER LABEL - FAMA# 10**

A permanent label shall be provided inside of the cab warning of the dangers of unsecured equipment inside the cab. The label shall state that all equipment shall be properly secured and also warn of potential injury or death that could be caused by failing to do so.

## **DO NOT WEAR HELMET LABEL - FAMA# 15**

A permanent label shall be provided inside of the cab in view of all seated positions stating that helmets should not be worn in cab. The label shall also warn of potential injury or death that could be caused by wearing helmet in cab.

## **VEHICLE BACKING LABEL - FAMA# 17**

A permanent label shall be provided inside of the cab in view of the driver advising of proper procedures to following when the apparatus is in reverse motion. The label shall also warn of potential injury or death that be caused by failing to follow proper procedures.

## **CHASSIS DATA LABELS**

The following information shall be on labels affixed to the vehicle:

### Fluid Data:

- Engine oil
- Engine coolant
- Chassis transmission fluid
- Pump transmission lubrication fluid
- Pump primer fluid (if applicable)
- Drive axle(s) lubrication fluid

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- Air conditioning refrigerant
- Air conditioning lubrication
- Power steering fluid
- Cab tilt mechanism fluid (if applicable)
- Transfer case fluid
- Equipment rack fluid (if applicable)
- Air compressor system lubricant
- Generator system lubricant (if applicable)

## Chassis Data:

- Chassis Manufacturer
- Production Number
- Year Built
- Month Manufactured
- Vehicle Identification Number

Location shall be in the driver's compartment of the chassis cab.

## **OVERALL HEIGHT, LENGTH, GVW DATA PLAQUE**

A "high visibility" plate shall be permanently mounted in the cab, visible to driver when seated.

The plate shall show the overall height of the completed apparatus in feet and inches, the overall length of the completed apparatus in feet and inches.

The plate shall also show the gross vehicle weight rating (GVWR) in tons.

Text shall also be supplied on the plate, indicating that the information shown is current upon completion of the apparatus. If the overall height of the apparatus changes after the apparatus is put into service, then the purchaser must revise the dimensions on the plate.

## **"NO RIDE" LABEL**

A label shall be located on the vehicle at the rear step areas, and at any cross walkways, if they exist. The label(s) shall warn personnel that riding in or on these areas while the vehicle is in motion is prohibited.

## **COMMERCIAL CHASSIS SPECIFICATION**

### **CHASSIS PROVIDER**

The chassis, as detailed in these specifications, shall be ordered and supplied by the apparatus manufacturer.

### **CHASSIS**

# Fouts Bros Fire Equipment

One (1) new FORD F-550 rear axle drive 4x4, dual rear wheels (DRW), four (4) door crew cab and chassis with XL trim.

Wheelbase: 203.70"  
Cab to Axle: 84.00"

## **PAYLOAD PLUS UPGRADE PACKAGE (68M)**

- Increases GVWR from 18,000 lbs. to 19,500 lbs.
- Increases max RGAWR to 14,706
- Low Deflection/High Capacity Rear Springs
- Upgraded frame
- Upgraded rear-axle

## **ELECTRONIC SHIFT ON THE FLY (213)**

- Electronic Shift-On-the-Fly (ESOF)

## **SKID PLATE**

Transfer Case Skid Plate Shield

## **POWERTRAIN (99T)**

- 6.7L Power Stroke V8 Turbo Diesel Engine, OHV (32-valve)
- Horsepower: 330 HP @ 2600 RPM
- Rated Torque: 825 lb.-ft. @ 2,000 rpm
- Stationary Elevated Idle Control, SEIC

Exhaust System: horizontally mounted, discharge on right side aft of wheels

## **TRANSMISSION**

TorqShift 10-speed automatic with selectable drive modes.

## **FIRE/ RESCUE PREP PKG w/EPA SPECIAL EMISSIONS (LPO)**

Includes 7,000 lbs. max front springs/GAWR rating for configuration selected. Incomplete vehicle package - requires further manufacture and certification by a final stage manufacturer. Ford urges Fire/Rescue Vehicle manufacturers to follow the recommendations of the Ford Incomplete Vehicle Manual and the Ford Truck Body Builders Layout Book (and pertinent supplements). NOTE 1: Stationary Elevated Idle Control (SEIC) has been integrated into the engine control module. NOTE 2: Engine calibration significantly reduces the possibility of depower mode when in stationary PTO operation. NOTE 3: Operator commanded regen allowed down to 30% of DPF filter full, instead of 100%. NOTE 4: Must meet the definition of an Emergency Vehicle, an Ambulance or Fire Truck per 40 CFR 86.1803.01 in the Federal Register. NOTE 5: California Code of Regulations allows for the sale of Federally certified emergency vehicles in California.

Includes:

- Dual Extra Heavy-Duty Alternators (Total 377-Amps)

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- Operator Commanded Regeneration (OCR) Includes active regeneration inhibit.

## **MANUAL REGENERATION**

A push button switch on the dash to initiate manual DPF regeneration.

Fuel Tank: 40 gallon aft-axle with auxiliary fuel tap, to provide fuel to an auxiliary truck body mounted diesel engine.

NFPA 1901, 2016 edition, section 12.3.4.7 requires a means for draining the tank without removing the tank.

## **REAR AXLE RATIO**

The ratio of the rear axle shall be 4.88 limited slip.

Engine Block Heater

## **PTO PROVISION**

Transmission Power Take-Off Provision

## **CAB TYPE**

Conventional, engine forward, four (4) door crew cab

Construction: Welded steel

Accessories:

- Solar Tinted glass in all windows
- Dual sun visors
- Electric windshield washer
- Dome light
- Fresh air heater and defroster
- Dual electric horns
- Driver and passenger air bags
- Gray Vinyl Upholstery
- Roof Clearance Lights
- Black vinyl full floor covering
- 12V Auxiliary Power Point

Headlamps: dual beam jewel effect

Climate Controls: controls for heat, defroster, and air conditioning

Mirrors: black manually telescope fold-away in/out for view adjustment.

Instrumentation:

- Tachometer

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- Speedometer
- Turbo boost (diesel only)
- Oil pressure
- Coolant temperature
- Fuel gauge
- Transmission temperature gauge
- Indicator lights & Message Center/odometer, trip odometer, engine hour meter & warning messages.

## **POWER EQUIPMENT GROUP**

- Accessory delay
- Manual-folding and manual telescoping power trailer-tow mirrors with heated glass.
- Heated convex spotter mirror
- Integrated clearance lamps/ turn signals
- Perimeter alarm
- Power first-row windows with one-touch up/ down
- Power second-row windows
- Power locks
- Remote keyless entry
- Upgraded door-trim panel
- Advanced Security Pack (includes SecuriLock Passive Anti-Theft System (PATS) and Inclinometer/ Intrusion Sensors)

## **CAB SEATING**

The front seating shall consist of a heavy duty vinyl 40/20/40 split front bench seat w/center armrest, cup holder, storage and manual driver-side lumbar support

## **REAR CAB SEATING**

The rear seating shall consist of a heavy duty vinyl 60/40 bench flip-up/fold-down rear seat.

## **XL VALUE PACKAGE**

4.2" center stack screen  
AM/FM stereo MP3 player w/ six speakers  
Chrome front bumper  
Cruise control  
Ford SYNC

## **WHEELS**

Six (6), 10-hole Disc, 19.50" x 6.00" RW Steel

## **TIRES**

Six (6) 225/70Rx19.5G black side wall traction tires shall come supplied from ford with the chassis.

## **FORD SUPERDUTY WARRANTY**

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<b>Description</b>	<b>Months/Distance</b>
Basic.....	36 month/36,000 miles
Powertrain.....	60 month/60,000 miles
Corrosion Perforation.....	60 month/unlimited mileage
Roadside Assistance .....	60 month/60,000 miles
Diesel Engine .....	60 month/100,000 miles

## **CHASSIS PAINT COLOR**

The cab shall be painted a single color by the chassis manufacturer.

**Color:** Ford Race Red

**Paint Number:** PQ  
**RUNNING BOARDS**

One (1) set of running boards shall be mounted to each side of the chassis. The running boards shall exceed the NFPA requirements for stepping surface and slip resistance

## **GRILLE GUARD**

A winch mount grille guard shall be provided and installed on the front of the chassis. The grille guard shall be constructed of 304 stainless steel and have a black powder coated finish. It shall be capable of mounting a winch with ratings up to 12,000 lbs.

## **FRONT MOUNTED WINCH**

An electric winch with 12,000 pound (5,440 kg) rated line pull shall be installed in the brush guard. The winch shall be equipped with 3/8" diameter wire rope, clevis hook and a 4-way roller fairlead. The winch shall be operated through a pendant with a hand held control.

## **TOWING HITCH RECEIVER**

A trailer towing hitch receiver with safety chain anchors shall be installed at the rear of the apparatus.

The hitch receiver shall be constructed of heavy steel tubing and reinforced to the apparatus framework. The hitch receiver shall have a Class V rating of 16,000 pounds towing and 1,600 pounds tongue weight when used with a weight distributing hitch assembly.

The receiver shall accept a 2.00" hitch.

One (1) 7-prong connector with a weatherproof cover shall be supplied and mounted near the rear receiver tube.

## **SEATING MODIFICATION**

The center portion of the 40/20/40 split bench seat shall be removed to accommodate the installation of the specified console.



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## **SEATING CAPACITY**

The seating capacity in the cab will be four (4).

## **REAR CREW AREA SEATS**

The Ford factory seats shall be removed in the rear crew area. Two (2) VALOR SCBA style seats with ZICO EZ Lock brackets and seat riser shall be provided and installed.

The seats will be installed with one (1) in the passenger's side outboard position and one (1) in the driver's side outboard position. There will be no seat in the center position. Seats will utilize the existing shoulder safety belt system.

## **SCBA SEAT CRASH HAZARD - FAMA# 11**

Safety sign FAMA # 11 sign shall be visible to the occupants of the SCBA seats in the cab. "SCBA Seat Crash Hazard. Only occupy SCBA seat with pack or seat insert in place. Sitting in an SCBA seat without an SCBA pack or seat insert may cause injury in the event of a crash."

## **SEAT BELT WEB LENGTH**

NFPA 1901, 2016 edition, Section 14.1.3.1 and 14.1.3.2 requires effective seat belt web length for a Type 1 lap belt for pelvic restraint to be a minimum of 60.00", and a Type 2 pelvic and upper torso restraint-style seat belt assembly to be a minimum of 110.00".

Per specification of a commercial chassis, this apparatus may not have seat belts of the required length. These belts may not provide sufficient length for large firefighters in bunker gear. This apparatus will be non-compliant to NFPA 1901 standards effective at time of contract execution.

## **SEAT BELTS**

NFPA 1901, 2016 edition, section 14.1.3.3 requires the seat belt webbing to be bright red or bright orange in color, and the buckle portion of the seat belt will be mounted on a rigid or semi-rigid stalk such that the buckle remains positioned in an accessible location.

The seat belt color is not available in red or orange from the commercial chassis manufacturer. Per specification of a commercial chassis, the seat belt color will be non-compliant. This apparatus will be non-compliant to NFPA 1901 standards effective at time of contract execution.

## **TIRE PRESSURE MANAGEMENT**

There will be a RealWheels LED AirSecure tire alert pressure management system provided, that will monitor each tire's pressure. A sensor will be provided on the valve stem of each tire for a total of six (6) tires.

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The sensor will calibrate to the tire pressure when installed on the valve stem for pressures between 10 and 200 psi. The sensor will activate an integral battery operated LED when the pressure of that tire drops 5 to 8 psi.

Removing the cap from the sensor will indicate the functionality of the sensor and battery. If the sensor and battery are in working condition, the LED will immediately start to flash.

## **WHEEL COVERS**

Each wheel shall have one (1) stainless steel wheel cover installed.

## **CHASSIS EXHAUST EXTENSION - RIGHT HAND SIDE**

The chassis exhaust shall be modified and relocated to the right side of the apparatus, and will terminate behind of the rear wheel.

## **EXHAUST HEAT SHIELD**

A heat shield shall be installed under the body in the areas where the exhaust system is routed.

## **HOT EXHAUST DANGERS LABEL - FAMA# 04**

A permanent label shall be provided near any hot exhaust surface that warns of potential injury or death that could be caused by contact with the surface. The label shall also state precautions that should be taken while working on or around the surface.

## **CHASSIS PREPARATION**

Prior to installation of the fire pump, apparatus body, or cab steps, all components which extend out beyond the chassis frame rails shall be removed and relocated to the area within the frame rails

## **CHASSIS TOW HOOKS**

The front tow hooks shall be provided as detailed in the chassis specifications.

## **VEHICLE DATA RECORDER**

NFPA 1901, 2016 edition, section 4.11.1 requires all apparatus be equipped with an on-board vehicle data recorder. The VDR is intended to be used by the fire department to monitor seat belt use as a tool for enforcing a seat belt policy that enhances the safety of apparatus occupants.

The vehicle data recorder is not available as required from the commercial chassis manufacturer. Per Fire Department specification of a commercial chassis, there will be no vehicle data recorder on the apparatus. This apparatus will be non-compliant to NFPA 1901 standards effective at time of contract execution.

## **SEAT BELT MONITORING SYSTEM**

NFPA 1901, 2016 edition, section 14.1.3.9 requires a seat belt warning system be provided. The seat belt warning device is intended to assist the driver or officer in determining whether all

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occupants are seated and belted before the vehicle is driven. Without this device, the driver must manually determine that all occupants are seated and belted before the apparatus is placed in motion.

The seat belt warning system is not available as required from the commercial chassis manufacturer, or not requested by the customer. Per Fire Department specification of a commercial chassis, there will be no seat belt warning system on the apparatus. The purchasing authority is consciously choosing to accept an apparatus without a tool that the NFPA Technical Committee on Fire Department Apparatus believes all fire departments should use to promote and enforce seat belt compliance. This apparatus will be non-compliant to NFPA 1901 standards effective at time of contract execution.

## **CENTER CONSOLE**

A center console fabricated from 0.125" aluminum shall be furnished and shall be located between the driver and officer's seats.

The forward area of the console shall have a mounting surface for emergency lighting switch panels and/or electronic siren control boxes within reach of the driver or officer.

The rear portion of the console shall be provided with an open top storage area for notebooks or maps.

## **CUP HOLDERS**

Two (2) cup holders shall be provided and installed in the console.

## **MASTER BODY DISCONNECT SWITCH**

A master body disconnect on/off switch shall be provided in the cab, near the driver's door. The switch shall disconnect the power to the apparatus body when the ignition switch is in the off position.

One (1) reset breaker shall be installed between the solenoid output and any electrical load.

One (1) indicator light shall be provided to indicate the apparatus 12-volt system is on. The light shall be located in the chassis cab and be visible from the driver's positions. The light shall be green in color and labeled "Master Battery".

## **BATTERY CONDITIONER**

A Kussmaul Chief 4012 Series battery conditioner shall be supplied. The battery conditioner shall provide a 40 amp output for the chassis batteries and a 20 amp output circuit for accessory loads.

## **BATTERY CHARGER LOCATION**

The battery charger shall be located in a pre-determined location by the manufacturer.

## **120 VOLT SHORELINE CONNECTION - "SUPER" AUTO EJECT**

One (1) Kussmaul "Super" Auto Eject model 091-55-20-120, automatic, 120 volt, 20 amp shoreline disconnect shall be provided for the on board, 120 volt battery charging systems.

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## **AUTO-EJECT MATING PLUG**

A Kussmaul model # 5-20P-H, 20 amp mating female cord end shall be shipped loose with the apparatus to allow the Fire Department to connect cord end to a Fire Department provided charging cord.

## **BATTERY CHARGER DISPLAY/ COVER**

One (1) Kussmaul model 091-55-266-YW batter charger status center/ auto eject cover shall be supplied with the charger.

The cover shall be yellow in color.

## **SHORELINE RECEPTACLE LOCATION**

The shoreline receptacle shall be located on the left hand side of the apparatus in a pre-determined location by the manufacturer.

## **AUXILIARY AIR COMPRESSOR**

A Kussmaul 12V air compressor shall be supplied. The compressor system shall be designed to maintain the air pressure in the air system while not in use. A pressure switch shall sense air pressure drop and engage the compressor which shall run until the pressure is restored.

## **AUXILIARY AIR COMPRESSOR LOCATION**

The auxiliary air compressor shall be located in a pre-determined location by the manufacturer.

## **BACK-UP ALARM**

One (1) 97 DB back up alarm shall be provided and installed at the rear of the unit. It shall be wired to activate when the transmission is placed in reverse.

## **DUAL USB PORT**

One (1) Kussmaul model # 091-219-5 shall be installed in the console. It shall contain two (2) 2.4 amp USB charging ports.

## **PUMP, MODULE, AND RELATED ITEMS**

### **NFPA 1901 COMPLIANT PUMP**

The fire pump and related plumbing on the specified apparatus shall be installed in accordance with applicable NFPA 1901 guidelines at the time the contract was placed.

### **HALE DSD SIDE MOUNT PUMP**

The pump shall be of a size and design to mount on the chassis rails of commercial and custom truck chassis.

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The entire pump shall be assembled and tested at the pump manufacturer's factory.

The pump shall be driven by a drive line from the truck transmission. The engine shall provide sufficient horsepower and RPM to enable pump to meet and exceed its rated performance.

The entire pump shall be hydrostatically tested to a pressure of 600 PSI. The pump shall be fully tested at the pump manufacturer's factory to the performance spots as outlined by the latest NFPA Pamphlet No.1901. Pump shall be free from objectionable pulsation and vibration.

The pump body and related parts shall be of fine grain alloy cast iron, with a minimum tensile strength of 30,000 PSI (2069 bar). All metal moving parts in contact with water shall be of high quality bronze or stainless steel. Pump utilizing castings made of lower tensile strength cast iron not acceptable.

Pump body shall be vertically split, on a single plane for easy removal of entire impeller assembly including clearance rings.

Pump shaft to be rigidly supported by two (2) bearings for minimum deflection. The bearings shall be heavy duty, deep groove ball bearings in the gearbox and they shall be splash lubricated.

The pump impeller shall be hard, fine grain bronze of the mixed flow design; accurately machines, hand ground and individually balanced. The vanes of the impeller intake eye shall be hand ground and polished to a sharp edge, and be of sufficient size and design to provide ample reserve capacity utilizing minimum horsepower.

Impeller clearance rings shall be bronze, easily renewable without replacing impeller or pump volute body.

The pump shaft shall be heat-treated, electric furnace, corrosion resistant stainless steel. Pump shaft must be sealed with double-lip oil seal to keep road dirt and water out of gearbox.

## **GEARBOX**

Pump gearbox shall be of sufficient size to withstand up to 16,000 lbs. ft. of drive through torque of the engine system. The drive unit shall be designed of ample capacity for lubrication reserve and to maintain the proper operating temperature.

The gearbox drive shafts shall be of heat-treated chrome nickel steel and at least 2.75 inches in diameter, on both the input and output drive shafts. They shall withstand the full torque of the engine.

All gears, both drive and pump, shall be of highest quality electric furnace chrome nickel steel. Bores shall be ground to size and teeth integrated and hardened, to give an extremely accurate gear for

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long life, smooth, quiet running, and higher load carrying capability. An accurately cut spur design shall be provided to eliminate all possible end thrust. (No exceptions.)

The pump ratio shall be selected by the apparatus manufacturer to give maximum performance with the engine and transmission selected.

If the gearbox is equipped with a power shift, the shifting mechanism shall be a heat treated, hard anodized aluminum power cylinder, with stainless steel shaft. An in-cab control for rapid shift shall be provided that locks in road or pump.

## **MECHANICAL SEAL**

The pump shall have a mechanical seal. One (1) only required on the suction (inboard) side of the pump. The mechanical seal shall be two (2) inches in diameter and shall be spring loaded, maintenance free and self-adjusting. Mechanical seal construction shall be a carbon sealing ring, stainless steel coil spring, Viton rubber cup, and a tungsten carbide seat with Teflon backup seal.

## **PUMP WARRANTY**

The pump shall be covered by the Hale Pro-Tech 5-year pump warranty against workmanship and materials. Both parts and labor shall be covered for the first 2 years and years 3-5 shall have parts only coverage.

## **1500 GPM FIRE PUMP SPECIFICATIONS**

The centrifugal type fire pump shall be a Hale model DSD midship mounted with a rated capacity of 1500 GPM. The pump shall meet NFPA 1901 requirements.

The pump shall be certified to meet the following deliveries:

1500 gpm (5678 L/M) @ 150 psi (10.3 bar)  
1050 gpm (3974 L/M) @ 200 psi (13.8 bar)  
750 gpm (2839 L/M) @ 250 psi (17.2 bar)

## **ALTITUDE REQUIREMENTS**

The apparatus shall be designed to meet the specified rating at 0 to 2000' altitude.

## **LEFT SIDE INTAKE**

One (1) 6.00" steamer intake with a screen and male NST threads shall be provided on the left hand side of the pump module.

## **INLET CAP**

One (1) 6.00" chrome plated cap with long handles and NST threads shall be supplied. The cap shall be capable of withstanding 500 PSI and be trimmed with the apparatus manufacturer's logo in the center of the cap.

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## **RIGHT SIDE MASTER INTAKE**

One (1) 6.00" steamer intake with screen and male NST threads shall be provided on the right hand side of the pump module.

## **INLET CAP**

One (1) 6.00" chrome plated cap with long handles and NST threads shall be supplied. The cap shall be capable of withstanding 500 PSI and be trimmed with the apparatus manufacturer's logo in the center of the cap.

## **DRIVELINE MODIFICATION**

The chassis driveline shall be modified to accommodate any changes required by the installation of the fire pump.

## **AIR COMPRESSOR - PUMP SHIFT**

Since the Ford Superduty chassis does not have an onboard chassis air system, an alternate air system will be provided. This system will include a 12-volt air compressor and a small capacity tank. The compressor and tank will be installed in a location that does not interfere with other equipment.

The compressor will maintain air system pressure. A pressure switch will sense when the system pressure drops and automatically start the compressor, (providing the battery switch is "on") which then will run until pressure is restored.

## **PUMP SHIFT**

An air operated pump shift shall be pneumatically controlled using a power shifting cylinder. The power shift control valve shall be mounted in the cab.

Since the apparatus is equipped with an automatic chassis transmission and the fire pump is driven through the automatic transmission, an interlock system shall be provided to ensure that the pump drive system components are properly engaged in the pumping mode of operation so that the pumping system can be safely operated from the pump operator's position.

The pump shifting device used between the engine and the pump shall be equipped with a means to prevent unintentional movement of the control device from its set position.

A GREEN indicator light shall be located in the driving compartment. This indicator light shall be energized when the pump shift has been completely and shall be marked "PUMP ENGAGED".

A second GREEN indicator light in the driving compartment shall be provided and energized when both the pump shift has been completed and the chassis transmission is engaged in pump gear.

## **SHIFT INTERLOCK MODULE**

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A Class1 shift interlock module shall be installed on the pump transmission. The module shall be capable of the following:

1. Prevents the pump from being shifted from pump mode to road mode unless the apparatus is in neutral, ensuring the apparatus is not put into road mode creating a runaway condition.
2. Prevents the pump from being shifted from road mode to pump mode while the apparatus is in gear. Protect transmission from costly damage caused by hot shifting.
3. Internal delay allows the driveshaft to stop in order to minimize mis-shifts.

## **PIPING AND MANIFOLDS**

All the plumbing and/or piping in the pump module shall be of 304 stainless steel or flexible piping for long life. All stainless steel castings shall be a minimum of schedule 40. All NPT pipe thread connections larger than 0.75" connections shall be avoided in the construction of the plumbing system. The following valves shall have groove connection: rear discharge, tank fill, all 2.00" and 2.50" pre-connect valves.

The flexible piping shall be black SBR synthetic rubber hose with 300 working pounds and 1200 pounds burst pressure for sizes 1.50 through 4.00". Sizes 0.75", 1.00" and 5.00" are rated at 250 pound working and 1000 pound burst pressure. All sizes are rated at 30 HG vacuum. Reinforcement consists of two plies of high tensile strength tire cord for all sizes and helix wire installed in sizes 1 through 5.00" for maximum performance in tight bend applications. The material has a temperature rating of -40 degrees F to 210 degrees F. Full flow couplings are precision machined from high tensile strength stainless steel. All female couplings are brass. 0.75" and 1.00" male and Victaulic couplings are brass

## **SYNFLEX SUCTION, DISCHARGE, PRESSURE AND CONTROL LINES**

Small lines within the pump enclosure shall be constructed from Synflex hose. Uses include, but are not limited to such lines as priming control, gauge lines, drain lines, air control valves, pump shift, supplemental cooling, foam flush and air bleeder valves.

## **PLUMBING SYSTEM**

The plumbing system shall be left unpainted by the apparatus manufacturer.

## **HOSE THREADS- NST**

All hose threads shall be National Standard Thread (NST) on all base threads on the apparatus intake and discharges, unless otherwise specified.



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## **CAPS AND ADAPTERS SAFETY TETHER**

All applicable discharge and suction caps, plugs and adapters shall be equipped with chrome plated ball chain and secured to the vehicle.

## **PUMP CERTIFICATION**

The fire pump shall be tested to meet the flow requirements of the pump. A written certification shall be provided with the completed vehicle.

## **PRESSURE RELIEF VALVE-NONE**

Pressure controlled by electronic governor.

## **U.L. TEST POINTS**

Two (2) U.L. test plugs shall be mounted on the pump panel for testing of the vacuum and pressures.

## **MASTER PUMP DRAIN**

The pump shall be equipped with a Class 1 Master Pump drain to allow draining of the lower pump cavities, volute and selected water carrying lines and accessories. The drain shall have an all brass body with a stainless steel return spring.

## **FUSE BLOCK- PUMP MODULE**

A Blue Sea Systems model # 5026 ST blade fuse block shall be installed in the pump module for the pump electrical circuits. The fuse block shall be protected with an 125 amp fusible link.

## **VALVES**

The valves shall be Akron Brass with stainless balls. The valves shall be bi-directional with full flow capability. The valves shall be of fixed pivot ball design with a flow pressure rating to meet NFPA-1901 standards. All 3.00" discharge valves shall be supplied with a true slow close mechanism per NFPA specifications.

## **INDIVIDUAL DRAINS**

One (1) individual Class1 lift up drain valve shall be furnished for each 1.50" or larger discharge port and each 2.50" gated auxiliary suction.

## **DISCHARGE GAUGES**

Individual Class 1 2.50" line gauges for each 2.00" or larger discharge shall be provided and mounted adjacent to the discharge valve control handle. The gauges shall indicate pressure from 0 to 400 PSI. The pressure gauge shall be fully filled with pulse and vibration dampening Interlube to lubricate

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the internal mechanisms to prevent lens condensation and to ensure proper operation to minus 40 degrees F. To prevent internal freezing and to keep contaminants from entering the gauge, the stem and Bourdon tube shall be filled with low temperature material and be sealed from the water system using an isolating Sub Z diaphragm located in the stem.

## **HALE MODEL ESP-PVG OIL LESS PRIMING SYSTEM**

The priming pump shall be a positive displacement, oil-less rotary vane electric motor driven pump conforming to NFPA-1901 rated performance requirements. The pump body shall be manufactured of heat-treated anodized aluminum for wear and corrosion resistance. The pump shall be capable of producing a minimum of 24 Hg vacuum at 2,000 feet (609.6m) above sea level. The electric motor shall be a 12 VDC totally enclosed unit. The priming pump shall not require lubrication. The priming pump shall operate by a push button switch mounted on the pump operator's panel. The switch controls an air cylinder on the PVG control valve, which shall be located behind the panel and manufactured of bronze construction.

## **PRIMER FUSE**

The primer shall be protected with a 250 amp fusible link that is designed to protect the apparatus 12 volt electrical system if the primer motor malfunctions.

## **ANODES**

The fire pump shall be equipped with replaceable alloy anodes. The pump shall have one (1) anode on each intake section and one (1) anode on the discharge section of the fire pump, for a total of three (3).

## **THERMAL RELIEF VALVE**

A Hale Model TRV120 Thermal Relief Valve shall be provided on the pump. If water temperature in the pump exceeds 120 degrees Fahrenheit, the thermal relief valve shall automatically open and discharge pump water to the ground, through a 0.375" discharge line, routed below the pump module. The thermal relief valve shall automatically close when the water temperature is lowered.

## **PUMP COOLER VALVE**

A pump cooler valve shall be installed in the instrument panel. The valve shall be a 0.25" multi-turn valve installed thru the instrument panel and labeled.

## **SENTRY GOVERNOR PRESSURE SYSTEM**

The apparatus shall be equipped with the Class1 Sentry Pressure Governor System. The Sentry Pressure Governor System (SPGS) is a J1939 CAN based pressure governing system that consists of a Sentry display, Twister throttle, pressure transducers and associated wiring.

The Sentry display utilizes Class1's UltraView technology. It is a custom tooled and programmed, 4.30", full color LCD display with (8) buttons. The Sentry display provides the interface to the Engine Control Module (ECM) mounted on the engine.

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The following parameters visible at all times:

- Pump Intake Pressure
- Pump Discharge Pressure
- Engine RPM
- Engine Oil Pressure
- Engine Coolant Temperature
- Transmission Temperature
- System Voltage
- Throttle Ready Interlock Status
- Pump Engaged Interlock Status
- OKAY to Pump Interlock Status
- Operating Mode Status (RPM or Pressure)
- Target Pressure Indication (when in pressure mode)

## **LEFT SIDE AUXILIARY SUCTION**

One (1) 2.50" intake shall be located on the left side panel. The valve shall come equipped with an inlet strainer and a 2.50" NST chrome inlet swivel.

The side auxiliary inlet will incorporate a quarter-turn ball valve with a swing-type manual control located adjacent the intake.

One (1) 2.50" chrome plated plug shall be provided. The plug shall be equipped with MNST threads, rocker lugs, and chain.

## **TANK TO PUMP LINE**

One (1) 3.00" tank to pump line shall be provided for connection between the water tank and the fire pump.

The quarter turn valve shall be manually operated with a Class 1 locking push pull control rod. It shall have a chrome plated zinc handle with a recessed area for 1.00" x 3.00" identification tag. The controls shall be locked in any position.

## **TANK FILL/ RECIRCULATION LINE**

One (1) 2.00" discharge shall be plumbed to the tank.

The quarter turn valve shall be manually operated with a Class 1 locking push pull control rod. It shall have a chrome plated zinc handle with a recessed area for 1.00" x 3.00" identification tag. The controls shall be locked in any position.

## **LEFT SIDE PANEL DISCHARGE**

One (1) 2.50" discharge shall be located on the left side panel.

The quarter turn valve shall be manually operated with a Class 1 locking push pull control rod.

The discharge shall be equipped with an integral, stainless steel, 30-degree elbow terminating with 2.50" MNST threads.

One (1) 2.50" chrome plated cap with self-venting lungs shall be provided. The cap shall be equipped with FNST threads, rocker lugs, and chain.

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The discharge shall **NOT** be foam capable.

## **RIGHT SIDE FRONT PANEL DISCHARGE**

One (1) 3.00" discharge shall be located on the right side front panel.

The quarter turn valve shall be manually operated with a Class1 locking push pull control rod.

The 3.00" outlet shall be equipped with an integral, stainless steel, 30-degree elbow terminating with 3.00" MNST threads.

One (1) 3.00" chrome plated cap with self-venting lungs shall be provided. The cap shall be equipped with FNST threads, rocker lugs, and chain.

The discharge shall **NOT** be foam capable.

## **RIGHT SIDE REAR PANEL DISCHARGE**

One (1) 3.00" discharge with a 4.00" outlet and 3.00" manual valve shall be located on the right side rear panel.

The quarter turn valve shall be manually operated with a Class1 locking push pull control rod.

The 3.00" valve shall terminate with a straight flange terminating with 4.00" MNST threads.

## **ELBOW ADAPTER**

One (1) Task Force Tips model # AH3ST-NP 30 degree elbow shall be provided and attached to the 4.00" discharge. The elbow shall be configured with a 5.00" swivel Storz coupling and a 4.00" female NST swivel rocker lug coupling.

## **STORZ CAP**

One (1) TFT model #A01ST 5.00" Storz cap with lanyard shall be provided.

The discharge shall **NOT** be foam capable.

## **HOSE BED PRECONNECT - RH SIDE**

One (1) 2.50" discharge shall be plumbed to the front of the hose bed, on the right hand side. Discharge will terminate with 2.50" NST thread.

The quarter turn valve shall be manually operated with a Class1 locking push pull control rod.

The discharge shall **NOT** be foam capable.

## **CROSSLAY PRE-CONNECT DISCHARGE #1**

One (1) 1.75" crosslay pre-connect with a 2.00" Akron Brass valve shall be installed in the pump module above the pump. The crosslay shall be plumbed using 2.00" stainless steel pipe, and/or flexible piping. The crosslay discharge shall terminate below the hose bed floor with a 1.50" NSTM chicksan swivel adapter.

The quarter turn valve shall be manually operated with a Class1 locking push pull control rod.

**The discharge shall be foam capable.**

## **CROSSLAY PRE-CONNECT DISCHARGE #2**

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One (1) 1.75" crosslay pre-connect with a 2.00" Akron Brass valve shall be installed in the pump module above the pump. The crosslay shall be plumbed using 2.00" stainless steel pipe, and/or flexible piping. The crosslay discharge shall terminate below the hose bed floor with a 1.50" NSTM chicksan swivel adapter.

The quarter turn valve shall be manually operated with a Class1 locking push pull control rod.

**The discharge shall be foam capable.**

## **MASTER PUMP GAUGES**

The master pump intake pressure and vacuum, and the main pump discharge pressure shall be indicated on the pressure governor display.

## **LED WATER LEVEL GAUGE (PUMP PANEL)**

One (1) Hale model # "ITL-40B" Tank Level Gauge for indicating water level shall be installed on the pump operator's panel. The tank level gauge shall indicate the liquid level or volume on an easy to read LED display with a visual indicator at nine (9) precise levels, using one (1) color. The system shall include the ability to display "text messages" and have built-in diagnostic capabilities. Additional secondary displays (if requested) are to be easily integrated and will receive data from the same source as the Master Display.

The LED display shall be blue in color.

## **PUMP, MODULE, AND RELATED ITEMS**

### **ALUMINUM PUMP MODULE CONSTRUCTION**

The pump module shall be constructed entirely of extrusions and aluminum plate. The framework shall be formed from beveled aluminum alloy extrusions. The pump module design must allow normal frame deflection through isolation mounts without imposing stress on the pump module structure or side running boards. The pump module shall consist of a welded framework, properly braced to withstand chassis frame flexing. The pump module support shall be bolted to the frame rails of the chassis.

### **INDEPENDENT PUMP MODULE**

The pump module shall be fabricated as individual unit independent from the body.

### **FRONT PUMP HOUSE ENCLOSURE**

The front of the pump enclosure shall be enclosed with 0.125" aluminum tread plate.

### **PANEL FASTENERS**

Stainless steel machine screws and lock washers shall be used to hold these panels in position. The panels shall be easily removable to provide complete access to the pump for major service.

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## **PUMP SERVICE ACCESS - CROSSLAYS**

The top third of the pump module (crosslay area) shall be crosslays shall be removable for access to the top of the pump module.

## **PUMP MODULE WIDTH**

Pump Module to be 24.00" side (side to side).

## **PUMP PANEL - SIDE MOUNT**

The pump operator's control panel shall be located on the driver side of the apparatus. The pump enclosure side panels shall be completely removable and designed for easy access and servicing.

## **HINGED GAUGE PANEL**

A full width, horizontally hinged gauge access panel shall be located on the left hand side of the pump module above the main control panel. Two (2) push type latches shall be provided along with chain holders to prevent the front of the gauge panel from coming in contact with other panels when open.

## **VERTICALLY HINGED, SPLIT PUMP RIGHT HAND SIDE**

The right hand side pump panel shall be split, vertically hinged, to provide complete access to the pump and plumbing on the right hand side of the pump enclosure. The panels shall be equipped with stainless steel hinges and secured with black powder coated Southco push type locks to hold the panels closed.

The drains located on the right hand panel shall be fastened to a lower drain panel, which shall be stationary.

## **PUMP PANEL MATERIAL**

The pump module panels shall be fabricated from 14 gauge 304L stainless steel with a brushed finish.

## **CROSSLAY HOSEBED**

The crosslays shall be arranged on top of the pump module with the #1 crosslay toward the front of the pump house and the #2 crosslay immediately behind the first.

They shall be arranged in a double stack design with a divider in the center. Each hose storage area shall be provided with dimensions of 7.65" wide x 66.00" deep x 16.00" tall [4.67 cu. ft. each].

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The crosslay hose bed floor shall be slotted to allow the swivels to extend up through the floor, allowing the pre-connected hoses to be pulled off either side of the apparatus without kinking the hose at the coupling connection.

Each crosslay shall be designed to have a minimum total capacity of 3.5 cubic feet as required by NFPA -1901 to accommodate a minimum of 200 feet of 1.75" fire hose.

There shall be one (1) divider in the crosslay area. The divider shall be constructed from 0.188" thick abraded aluminum plate. There shall be a hand hole on each side of the divider to assist the firefighter.

## **VINYL CROSSLAY COVER**

The crosslays shall be equipped with a heavy duty 18 oz. vinyl cover with side flaps. The top portion will be fastened to the pump house with Velcro and the side flaps will be held in place with a hook and bungee system.

The vinyl cover shall be red in color.

## **PUMP PANEL LIGHT SHIELD, LH SIDE PANEL**

One (1) LED strip light shall be installed under an instrument panel light hood on the left side pump panel.

## **PUMP PANEL LIGHT SHIELD, RH SIDE PANEL**

One (1) LED strip light shall be installed under an instrument panel light hood on the right side pump panel.

## **PUMP COMPARTMENT LIGHT**

One (1) 60.00" LED strip light shall be installed inside the pump compartment area. It shall be located at the front of the module. The light shall be switched with the pump panel lights. A weather resistant switch, located on the pump operator's panel shall be provided to activate the lights.

## **LEFT SIDE RUNNING BOARD - TAPPERED**

The left pump panel shall be equipped with a side running board. The running board shall be constructed of 0.125" embossed fire apparatus bright aluminum treadplate. It shall be the full width of the module and taper from front to rear to blend with the width of the cab and body. It shall be approximately 6.75" deep at the front of the module and 11.00" deep at the rear. The running board shall have an upward bend on the inside edge to act as a kick plate. The running board shall be attached to a frame mounted outrigger support structure.

## **RIGHT SIDE RUNNING BOARD - TAPPERED**

The right pump panel shall be equipped with a side running board. The running board shall be constructed of 0.125" embossed fire apparatus bright aluminum treadplate. It shall be the full width of the module and taper from front to rear to blend with the width of the cab and body. It shall be

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approximately 6.75" deep at the front of the module and 11.00" deep at the rear. The running board shall have an upward bend on the inside edge to act as a kick plate. The running board shall be attached to a frame mounted outrigger support structure.

## **HOSE RESTRAINT LABEL - FAMA# 22**

A permanent label shall be provided near any hose storage area. The label shall instruct the operator to insure that all hose is properly secured prior to placing the apparatus in motion and to provide warning of potential dangers, including injury or death, in failing to do so.

## **INTAKE/DISCHARGE CAP PRESSURE LABEL - FAMA# 18**

A permanent label shall be provided in all areas that intakes and discharges are capped. The label shall give instruction on how to properly remove the cap. The label shall also warn of potential dangers, injury or death that be caused by failing to follow proper cap removal procedures.

## **TRAINED OPERATOR ONLY LABEL - FAMA# 25 ]**

A permanent label shall be provided on the pump panel that states that only properly trained personnel should operate the apparatus and shall indicate that injury or death could occur as a result.

## **PUMP PANEL ID PLATE**

An identification plate shall be installed on the pump operator control panel to identify the fire pump serial number, model number, and performance.

## **COLOR CODED PUMP PANEL LABELING AND NAMEPLATES**

Discharge and intake valve controls shall be color coded in compliance to guidelines of applicable sections of NFPA standards. Innovative Controls permanent type nameplates and instruction panels shall be installed on the pump panel for safe operation of the pumping equipment and controls.

## **FOAM SYSTEM**

The apparatus shall be equipped with a Hale 2.1A SmartFOAM system. The foam system shall be equipped with a Class1 UltraView SmartFOAM Controller and a foam induction pump.

The foam induction pump will be a Class1 2.1A piston style foam induction pump (12VDC) for use with Class A concentrates at a rated output of up to 2.1 gpm and a maximum operating pressure of 250 psi.

The SmartFOAM Controller will show the water flow per minute, foam percentage, total water flowed, and total foam flowed on the main screen without having to press any buttons. The SmartFOAM Controller will maintain a running total of the amount of water and foam used during the current power cycle.



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The SmartFOAM Controller will allow push-button modification of the foam proportioning rate from 0.1% to 10.0% in 0.1% increments. The SmartFOAM Controller will always begin operation at the preset foam proportioning rate which is configured with a password protected set-up screen.

The foam concentrate pump discharge line shall be equipped with a bubble tight check valve, rated at 500 psi to prevent water flow into the concentrate pump from the apparatus fire pump. This valve shall be made from brass or 300 series stainless steel. This valve shall have a cracking pressure of 4-6 psi to prevent flowing concentrate through the pump due to head pressure from the concentrate reservoir.

In-line, field serviceable foam concentrate strainer(s) shall be installed in the foam concentrate suction line(s).

Single tank foam systems shall include flushing capabilities via a three-way flush valve. A switch provided integral to the three-way valve will indicate when the valve is in the "FLUSH" position. The "FLUSH" position will provide fresh water-flushing capabilities to prevent foam concentrate deterioration of the foam pump.

The SmartFOAM Controller will protect the foam pump from being run "dry" by showing a "low foam" warning when the low-level tank switch is activated and only allowing the foam pump to run for another sixty (60) seconds before turning off the foam pump and showing a "no foam" warning.

## **LED FOAM LEVEL GAUGE, CLASS A (PUMP PANEL)**

One (1) Hale model # "ITLF-40G" tank level gauge for indicating foam level shall be installed on the pump operator's panel. The tank level gauge shall indicate the liquid level or volume on an easy to read LED display with a visual indicator at nine (9) precise levels, using one (1) color. The system shall include the ability to display "text messages" and have built-in diagnostic capabilities. Additional secondary displays (if requested) are to be easily integrated and will receive data from the same source as the Master Display.

The LED display shall be green in color.

## **WATER TANK - POLYPROPYLENE**

Tank capacity shall be 300 US gallons.

The Booster tank shall be constructed of Polypropylene, and properly baffled.

Baffles shall have openings at both the top and bottom to permit movement of air and water between spaces to allow maximum flow requirements. Baffles shall form an integral part of the tank, and design shall be to provide and maintain safe road stability regardless of water level.

The tank shall be constructed of Polypropylene sheet stock. This material shall be non-corrosive, stress relieved thermoplastic, black in color and U.V. stabilized for maximum protection.

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There shall be one (1) sump standard per tank. The sump shall be located at the front of the tank. The sump shall have a 4.00" FNPT threaded outlet on the bottom for a drain plug. This shall be used as a combination cleanout and drain.

## **FILL TOWER**

Fill tower shall be installed on front corner of the tank in tank top, not to interfere with removability of the lid. It shall be of adequate size, minimum 8.00" X 8.00", to accommodate overflow and vents, to have a hinged cover and screen installed.

## **TANK OVERFLOW**

The tank shall have a 6.00" overflow and air vent designed to prevent damage to the tank under high flow conditions and enclosed in front tank filler. Tank filler to extend upward from hose bed the same height as body sides. Overflow is to be designed and located to prevent water loss on fast stops or starts, and is also to be located not to affect traction on the rear tires.

## **FOAM CELL**

One (1) internal foam cell shall be manufactured as part of the water tank.

The foam cell capacity shall be 15 US gallons.

The foam tank shall be integral with the water tank and shall have a rectangular fill tower with a hinged cover, pressure relief vent and a removable screen.

## **DO NOT MIX FOAM LABEL**

A FAMA19 warning label shall be placed near the foam tank fill that reads "Foam Failure Hazard. Do NOT mix brands and types of foam concentrate. Mixed concentrate may fail to form proper foam. Poor foam may fail to suppress fire leading to death".

## **FIRE BODY & RELATED COMPONENTS**

### **OVERALL DIMENSIONS**

The body shall be 108.00" Long x 95.00" wide x 64.00" high with fender well positioned for a 84.00" cab-to-axle dual rear wheel chassis. The body shall be designed to accommodate a 24.00" wide pump module.

### **FLOOR AND UNDERSTRUCTURE**

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The compartment floor shall be a single piece design made of .1875" aluminum tread bright. The floor shall be supported by front and rear extruded 6061 aluminum alloy 2.00" x 4.00" x .250" wall structural tube crossmembers and incorporating flange style direct body mounting plates. The center section of the floor shall be supported by two (2) additional crossmembers of 2.00" x 2.00" x .250" structural aluminum tube, interlocked with three (3) longitudinal 2.00" x 2.00" x .250" sections of structural aluminum tube, connecting the front most and rearmost crossmembers.

## **COMPARTMENT CONFIGURATION**

The compartments shall be completely formed of .125" 5052-H32 aluminum alloy and shall have a tested floor area load of 300 pounds.

## **COMPARTMENT VENTS**

Each body side compartment shall be properly vented in a manner that will minimize the possibility of moisture and road dirt entering the compartment. Venting shall be to atmosphere for front and rear side compartments. The center wheel well compartments shall be vented to the front and rear compartments.

## **ADJUSTABLE SHELVING TRACKS**

All side body compartments be furnished with Adjustable shelving track installed. The shelving track shall include a minimum of four (4) aluminum Uni-strut style channel tracks, mounted vertically on compartment side walls or vertical partitions. There shall be one (1) formed aluminum shelf angle bracket per shelving track to mount each shelf, tray, or adjustable storage module. Shelving hardware shall be heavy-duty commercial quality, providing unlimited vertical position adjustments.

## **ADJUSTABLE TRAYS**

Adjustable trays shall be installed as directed by the Purchaser. Trays shall be made of 0.125" smooth aluminum with a 2.00" high perimeter retaining lip with welded corners. Trays shall have a rated capacity of 300-lbs. and shall be supported by a minimum of two (2) heavy-duty shelf brackets. Trays shall have a maintenance free mill finish.

## **BODY SIDE RUB RAILS**

Replaceable extruded aluminum channel rub rails, 2.00" high x 1.00" deep x 0.125" wall, shall be provided below the lower side compartments. Each rub rail shall have a black rubber bumper strip and mounting stand-off spacers. All rub rail ends shall be angle cut, back toward the body to eliminate the possibility of snagging crew clothing or equipment.

## **FENDER PANELS**

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A single piece wheel well panel made of .125" aluminum shall be installed with no sharp edges to cut or damage cleaning equipment used in the wheel well area. The wheel well design shall provide for maximum wheel jounce and for use of tire chains without contacting the fender panel.

## **REAR WHEEL WELL LINERS**

The rear wheel wells shall be equipped with replaceable circular liners to prevent road debris damage to adjacent side compartments. The liners shall be made from a single circular panel of .090" smooth aluminum and shall be the full depth of the side compartments. They shall be bolted in place and shall feature end flange bottom drains.

## **REAR FENDERETTES**

A roll-formed, polished stainless steel fenderette shall be installed around the outboard edge of the rear wheel well openings to protect the body sides from road debris. They shall be bolted to the body and shall be replaceable.

## **BODY FRONT WALL OVERLAY**

There shall be .125" polished aluminum tread brite provided for the entire front of the body to protect the paint from road debris and paint chipping.

## **TOP PROTECTION**

There shall be .125" aluminum tread brite overlay provided for entire top of the body.

## **COMPARTMENT TOP WARNING LABEL - FAMA# 26**

A permanent label shall be provided on the front and rear of the compartment tops on both sides warning that the area is not designed, constructed or intended to be a stepping, standing or walking surface. The label shall state that the surface is not intended for this purpose and indicate potential injury or death in doing so.

## **REAR MUD FLAPS**

A pair of black rubber mud flaps, with the Manufacturer's logo, shall be provided and installed behind the rear wheels.

## **REAR PLATFORM STEP**

A modular bolt-on rear platform step made of .188" embossed aluminum tread brite shall be installed on the rear of the apparatus to provide a full width step area with sufficient support to prevent deflection when in use by several crew members. The outside edges of the rear platform shall be

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flush with the side body rub rails to maintain a uniform appearance. The step shall protrude 10.00" back from the rear of the body and shall be spaced away from the body to allow water run-off.

## **ROLL-UP DOORS**

All lower compartment doors shall be equipped with AMDOR brand roll-up doors. The slats shall be 1.00" double wall aluminum with continuous ball and socket hinge joints designed to prevent water ingress and weather tight recessed dual durometer seals.

The interior door curtains shall be smooth to prevent equipment hang-ups. The door tracks and side frames shall each be one-piece aluminum. Each side seal shall be recessed, and non-marring with UV stabilizers to prevent warping.

The bottom panel flange shall have cut-outs for ease of access with gloved hands. The door strikers shall provide support beneath the lift bar to prevent door curtain bounce and potential false door ajar indications.

## **LEFT SIDE COMPARTMENT IN FRONT OF REAR WHEELS, L1**

There shall be a full height compartment located ahead of the rear wheels on the left side of the apparatus body.

- Dimensions: 29.50" wide x 59.00" high x 22.0" deep.
- Door Opening: 24.626" wide x 45.938" high.
- Useable Depth: 19.6875".

The compartment shall have an Amdor roll up door. The door shall have a satin finish.

## **COMPARTMENT LIGHT(S)**

One (1) 41.00" Luma Bar LED strip light shall be installed inside the compartment. The compartment light(s) shall be controlled by a magnetic "On-Off" switch located on each compartment door.

## **ADJUSTABLE SHELVING TRACKS**

There shall be vertically mounted uni-strut shelf trac for shelving installation.

## **ADJUSTABLE SHELF**

There shall be One (1) full depth adjustable shelf/ shelves located in the compartment.

## **LEFT SIDE ABOVE WHEEL COMPARTMENT, L2**

There shall be a standard height compartment located above the rear wheels on the left side of the apparatus body.

- Dimensions: 47.00" wide x 38.00" high x 22.00" deep.
- Door Opening: 44.876" wide x 24.938" high.
- Useable Depth: 19.6875".

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The compartment shall have an Amdor roll up door. The door shall have a satin finish.

## **COMPARTMENT LIGHT(S)**

One (1) 21.00" Luma Bar LED strip light shall be installed inside the compartment.

The compartment light(s) shall be controlled by a magnetic "On-Off" switch located on each compartment door.

## **ADJUSTABLE SHELVING TRACKS**

There shall be vertically mounted uni-strut shelf trac for shelving installation.

## **ADJUSTABLE SHELF**

There shall be One (1) full depth adjustable shelf/ shelves located in the compartment.

## **LEFT SIDE COMPARTMENT BEHIND REAR WHEELS, L3**

There shall be a standard height compartment located above the rear wheels on the left side of the apparatus body.

- Dimensions: 29.00" wide x 59.00" high x 22.00" deep.
- Door Opening: 23.50" wide x 53.00" high.
- Useable Depth: 19.6875".

The compartment shall have an Amdor roll up door. The door shall have a satin finish.

## **COMPARTMENT LIGHT(S)**

One (1) 41.00" Luma Bar LED strip light shall be installed inside the compartment.

The compartment light(s) shall be controlled by a magnetic "On-Off" switch located on each compartment door.

## **ADJUSTABLE SHELVING TRACKS**

There shall be vertically mounted uni-strut shelf trac for shelving installation.

## **ADJUSTABLE SHELF**

There shall be One (1) full depth adjustable shelf/ shelves located in the compartment.

## **RIGHT SIDE COMPARTMENT IN FRONT OF REAR WHEELS, R1**

There shall be a full height compartment located ahead of the rear wheels on the right side of the apparatus body.

- Dimensions: 29.50" wide x 59.00" high x 22.0" deep.
- Door Opening: 24.626" wide x 45.938" high.
- Useable Depth: 19.6875".

The compartment shall have an Amdor roll up door. The door shall have a satin finish.

## **COMPARTMENT LIGHT(S)**

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One (1) 41.00" Luma Bar LED strip light shall be installed inside the compartment. The compartment light(s) shall be controlled by a magnetic "On-Off" switch located on each compartment door.

## **ADJUSTABLE SHELVING TRACKS**

There shall be vertically mounted uni-strut shelf trac for shelving installation.

## **ADJUSTABLE SHELF**

There shall be One (1) full depth adjustable shelf/ shelves located in the compartment.

## **RIGHT SIDE ABOVE WHEEL COMPARTMENT, R2**

There shall be a standard height compartment located above the rear wheels on the right side of the apparatus body.

- Dimensions: 47.00" wide x 38.00" high x 22.00" deep.
- Door Opening: 44.876" wide x 24.938" high.
- Useable Depth: 19.6875".

The compartment shall have an Amdor roll up door. The door shall have a satin finish.

## **COMPARTMENT LIGHT(S)**

One (1) 21.00" Luma Bar LED strip light shall be installed inside the compartment. The compartment light(s) shall be controlled by a magnetic "On-Off" switch located on each compartment door.

## **ADJUSTABLE SHELVING TRACKS**

There shall be vertically mounted uni-strut shelf trac for shelving installation.

## **ADJUSTABLE SHELF**

There shall be One (1) full depth adjustable shelf/ shelves located in the compartment.

## **RIGHT SIDE COMPARTMENT BEHIND REAR WHEELS, R3**

There shall be a standard height compartment located above the rear wheels on the right side of the apparatus body.

- Dimensions: 29.00" wide x 59.00" high x 22.00" deep.
- Door Opening: 21.626" wide x 45.938" high.
- Useable Width: 26.50".
- Useable Depth: 19.6875".

The compartment shall have an Amdor roll up door. The door shall have a satin finish.

## **COMPARTMENT LIGHT(S)**

One (1) 41.00" Luma Bar LED strip light shall be installed inside the compartment.

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The compartment light(s) shall be controlled by a magnetic "On-Off" switch located on each compartment door.

## **ADJUSTABLE SHELVING TRACKS**

There shall be vertically mounted uni-strut shelf trac for shelving installation.

## **ADJUSTABLE SHELF**

There shall be One (1) full depth adjustable shelf/ shelves located in the compartment.

## **REAR BODY CONFIGURATION**

The rear of the apparatus body shall have a flat back design, with one compartment.

## **REAR CENTER COMPARTMENT, CR1**

There shall be a compartment located at the rear of the apparatus body.

- Dimensions: 50.00" wide x 28.00" high x 28.00" deep.
- Door Opening: 47.876" wide x 18.125" high.
- Useable Depth: 27.75".

The compartment shall have an Amdor roll up door. The door shall have a satin finish.

## **COMPARTMENT LIGHT(S)**

One (1) 13.00" Luma Bar LED strip light shall be installed inside the compartment.

The compartment light(s) shall be controlled by a magnetic "On-Off" switch located on each compartment door.

## **HOSE BED CONSTRUCTION**

The body shall have a bolt together removable hose bed in the upper center section of the body. The hose bed shall be 50.00" wide x 108.00" long x 17.00" tall. The floor of the hose bed shall be constructed using 6.00" wide aluminum hose bed slats. Two (2) cross car Unistrut style channels shall be incorporated in the design for divider mounting.

## **HOSE BED CROSS DIVIDER**

The forward 22.00" section of the hose bed shall have a bolt in cross car divider creating a dunnage area for the water and foam tank fill tower(s). The floor of the dunnage area shall be formed aluminum sheet.

## **HOSE BED DIMENSIONS**

The usable hose bed dimensions shall be 49.75" wide x 85.00" long x 15.00" tall.

## **HOSE BED STORAGE CAPACITY**

The hose bed shall be designed to have a storage capacity for a minimum of 34.00 cubic feet of fire hose.

## **HOSE BED DIVIDER(S)**



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One (1) fully adjustable hose bed divider panel(s) made of .188" 5032-H22 smooth aluminum plate shall be installed lengthwise, in the hose bed. Each shall have a natural mill finish and shall be supported along the full-bottom length with a single-piece aluminum foot extrusion.

There shall be a hand grip cut-out on the trailing edge of each hose bed divider. The cut-out shall be properly dressed to remove sharp edges and specifically sized for use with a gloved hand in adjusting the position of the hose bed divider.

## **HOSE BED COVER WITH VELCRO FASTENERS**

A heavy duty vinyl coated nylon hose bed cover shall be provided to protect the hose load from the weather. The cover shall extend from the front of the hose bed to the rear and then extend downward to cover the exposed rear of the bed and from the left side to the right side of the hose bed.

The cover shall be secured to the apparatus using velcro on the sides and lift dots on front. The rear of the cover shall be secured to the apparatus using positive mechanical latches.

The hose bed cover shall be Red in color.

## **HARD SUCTION TRAYS - LEFT SIDE**

Two (2) aluminum hard suction trays shall be installed on the top of the compartment on the left hand side of the apparatus.

The suction hose shall be held in place with straps attached to the tray with footman loops. The suction storage shall have capacity for two (2) 8' sections of hard suction hose.

## **EXTERIOR LADDER MOUNTING**

Exterior ladder mountings shall be provided for the specified ladders over the right side compartments of the apparatus body.

The ladder storage shall have capacity for one (1) aluminum 12 ft. two-section extension ladder.

## **SCBA BOTTLE COMPARTMENTS**

Three (3) SCBA bottle compartments shall be installed in the wheel well area of the body. One (1) shall be installed on the left hand side, and two (2) on the right hand side. Each shall have a Cast Products door assembly. Each compartment shall allow the storage of an SCBA cylinder up to 7.50" in diameter x 22" deep.

## **FUEL PIPING, CAP, & GUARD**

There shall be a fuel filler tub & cap with a Cast Products aluminum door provided to the left side rear wheel. It shall be clearly marked, "ULTRA LOW SULFUR DIESEL FUEL ONLY".

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## **DEISEL EXHAUST FLUID FILL**

The diesel exhaust fluid fill shall be located in between the body and the chassis on the left hand side. It shall be labeled "Diesel Exhaust Fluid Only".

## **FOLDING STEPS - LH SIDE REAR OF BODY**

Two (2) Innovative Controls model 3004234 folding steps shall be provided on the left hand side rear of the body. Each step shall have two (2) cast-in handles, that are large enough for use while wearing gloves. The step(s) shall exceed the NFPA requirements for stepping surface and slip resistance. There shall be a barrier material installed between the body surface and the steps.

## **STEP LIGHTS**

There shall be one (1) LED light incorporated into the folding step assembly above the stepping surface.

The light(s) shall be wired to activate with the parking brake.

## **EXTERIOR GRAB RAILS**

Each grab rail shall be non-slip, 1.25" diameter extruded polished aluminum grab rails with rubber inserts designed to provide maximum gripping ability, strength, and durability. The rails shall comply with NFPA 1901-2009.

## **GRAB RAILS, REAR STEP, VERTICAL**

Two (2) extruded aluminum non-slip grab rails, approximately 24.00" in length, shall be provided and vertically mounted on the rear of the apparatus, one (1) on each side of the body.

## **12 VOLT ELECTRICAL SYSTEM**

The truck shall have a 12-Volt electrical system.

All wiring will be run in convoluted high temperature plastic loom. Wiring shall be color and function coded and will be of adequate size to handle the assigned load. All solenoids, relays, and terminal blocks will be located in an easily accessible area.

All circuits provided shall have properly rated low voltage over current protective devices.

All wiring shall be stranded copper or copper alloy conductors of a gauge rated to carry 125 percent of the maximum current for the protected circuit. Voltage drops in all wiring from the power source to the using device shall not exceed 10 percent. The wiring and wiring harness and insulation shall be in conformance to applicable SAE and NFPA standards. The wiring harness shall conform to SAE J-1128 with GXL temperature properties. All exposed wiring shall be protected in a loom with a minimum 289 degree Fahrenheit rating. All wiring looms shall be properly supported and attached to body members. The electrical conductors shall be constructed in accordance with applicable SAE standards, except when good engineering practice requires special construction.

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All under side terminal junctions shall be fully enclosed in sealed plastic weather proof boxes.

Electromagnetic interference suppression shall be provided as required to satisfy the radiation limits specified in SAE J551/1.

## **NFPA 1901 CERTIFIED 12 VOLT ELECTRICAL SYSTEM**

The 12-volt apparatus body electrical system shall be provided and shall be in compliance with NFPA 1901 testing and certification procedures as follows:

### **NFPA MINIMUM ELECTRICAL LOAD DEFINITION**

The NFPA 1901 defined minimum electrical load shall consist of the total amperage required to simultaneously operate the following in a stationary mode:

1. Propulsion engine and transmission.
2. The clearance and marker lights.
3. Communication equipment. 5 amp default.
4. Illumination of all walking surfaces, the ground at all egress points, control and instrumentation panels and 50% of total compartment lighting.
5. Minimum warning lights required for "blocking right of way" mode.
6. The current to simultaneously operate and fire pump and all specified electrical devices.
7. Anything defined by the purchaser, in the advertised specifications, to be critical to the mission of the apparatus.

### **RESERVE CAPACITY TEST**

The first electrical test to be performed will be the Reserve Capacity Test. All items listed in NFPA Minimum Load Definition shall be activated with the engine shut off. After 10 minutes of operation, the items 1-7 shall be deactivated. After deactivation, the battery system shall have ample reserve to start the engine.

### **ALTERNATOR PERFORMANCE TEST AT IDLE**

The second electrical test to be performed shall be Alternator Performance Test at Full Load. All electrical loads shall be activated with the engine running up to the governed rpm for two hours. During the test, the system voltage shall not drop below 11.7 volts or have excessive battery

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discharge for more than 120 seconds. Any loads not defined in the NFPA Minimum Electrical Load may be load managed to pass test.

## **TEST CONDITIONS**

All electrical testing shall be performed with the engine compartment at approximately 200 degrees.

### **CLASS1 ES-KEY SYSTEM**

The electrical system shall utilize Class1 Inc. **ES-Key** technology where applicable.

The apparatus shall be equipped with a Class 1 ES-Key Management System for controlling electrical system devices. This management system shall be capable of performing load management functions, system switching, monitoring and reporting, and be fully programmable for a standardized electrical system utilizing the ES-Key Professional software program.

### **SUPERNODE II**

The apparatus shall be equipped with a Class1 ES-Key system with a Supernode II high density input output node. The Supernode II shall have (24) inputs, (24) outputs, a Universal System Manager, a data logger, and programmable special utilities.

The Supernode II shall have an integrated USB port to allow for direct connection to the ES-Key system without additional interface devices.

### **LOAD MANAGER**

The Supernode II shall have an integrated Load Manager. The Load Manager Sequencer shall assure that loads are applied and removed gradually, thus eliminating the possibility of inducing failures in the vehicle's equipment.

### **LOW VOLTAGE MONITOR**

A voltage monitor shall be built into the ES-Key electrical system. It shall activate a warning when the alternator output voltage falls below any desired voltage (usually 11.5 volts).

### **LOW VOLTAGE ALARM**

One (1) Cole Hersee model # 4112-RC light/buzzer shall be located in the cab and wired to the low voltage monitor on the ES-Key System.

### **ROCKER SWITCH PANEL - EIGHT (8) POSITION**

A lighted eight (8) position rocker type switch panel shall be installed to provide the ability to de-activate individual lighting units. The switches shall be Carling Contura V series rocker switches.

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A rocker switch with a blank legend installed directly below shall be provided for any position without a switch and legend designated by a specific option. The non-specified switches shall be two-position, black switches with a green LED indicator light. Each blank switch legend can be custom ordered by the department once the apparatus is in service. All switch legends shall have backlighting provided.

## **MASTER WARNING SWITCH**

A master switch shall be included in the main rocker switch panel. The switch shall have a red light indicator and be labeled "Master Warning" for identification. The switch shall feature control over all devices wired through it. Any warning device switch left in the "ON" position shall automatically power up when the master switch is activated.

## **UNDERBODY/CAB GROUND LIGHTS**

LED ground illumination lights, with outward facing angle brackets shall be provided and installed in the following locations:

### **CHASSIS GROUND LIGHTS**

Four (4) LED ground lights with outward facing angle brackets shall be installed, one (1) under each chassis door.

### **FRONT OF BODY GROUND LIGHTS**

Two (2) LED ground lights with outward facing angle brackets shall be installed under the front of the body. One (1) light shall be located on the driver side and one (1) light shall be located on the officer side of the apparatus.

### **REAR STEP GROUND LIGHTS**

Two (2) LED ground lights with outward facing angle brackets shall be installed under the rear step of the apparatus, one (1) each side.

### **GROUND LIGHT SWITCHING**

The cab and body ground lights shall activate by engaging the parking brake.

### **HAZARD LIGHT**

One (1) Whelen model 0SR00FCR flashing red LED light, located in the driving compartment, the light shall be illuminated automatically whenever any compartment door is ajar.

The hazard light shall be marked with a sign that reads "Do Not Move Apparatus When Light is On".

The warning light shall be interlocked to the parking brake and shall only alert the driver when the parking brake is released. The light shall also be used to signal that other ancillary equipment such as racks light towers etc. are not in their "ready for transport" position.

### **REAR DIRECTIONALS**

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Rear directional lighting shall be supplied as follows:

Two (2) Whelen model M62BTT LED brake/tail lights shall be installed on the rear of the body. Each light shall have a red lens.

Two (2) Whelen model M62T Amber LED turn signal lights shall be installed on the rear of the body. Each light shall have a color lens.

Two (2) Whelen model M62BU LED reverse lights shall be installed on the rear of the body.

## **HOUSINGS FOR DIRECTIONALS**

The two (2) sets of Whelen rear signal lights shall each be housed in a vertical chrome plated housing, designed to hold four (4) lights each. The lower section of each casting shall contain the rear lower warning lights as described in the emergency lighting specifications.

## **DOT MARKER LIGHTS AND REFLECTORS**

LED marker lights shall be installed on the vehicle in conformance to the Department of Transportation requirements. All marker lights shall be incorporated into the headlight circuit of the cab/chassis.

The side body panels shall be furnished with marker lights installed as follows:

- Four (4) 0.75" amber LED marker lights, one (1) on each side at front top corner of body.
- Four (4) 0.75" red LED marker lights, one (1) on each side at rear top corner of body.

The rear body panel, centered above the bumper, shall be furnished with marker lights installed as follows:

- Three (3) 0.75" red LED marker lights, as close as practical to the vertical centerline. Centers spaced not less than 6.00" or more than 12.00" apart.

Four (4) red reflectors shall be provided on the apparatus rear, one (1) each side and two (2) on the rear.

## **LICENSE PLATE LIGHT**

A license plate bracket with LED light shall be provided and installed on the rear of the body. It shall be wired to come on with the headlights.

## **TRAFFIC ADVISER WARNING LIGHT**

One (1) Whelen LED "Traffic Advisor", model TAL85 48.00", rear directional light shall be installed. The light shall be equipped with eight (8) lamps. The traffic advisor shall be activated by the Whelen TACTL5 control head. The control head shall be conveniently located near the driver's position.

The traffic advisor shall be surface mounted at the rear of the apparatus body. It shall be located as close to the centerline of the body as possible.

## **SIDE FACING UPPER FRONT BODY SCENE LIGHTS**

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One (1) pair of Whelen M6 Series LED scene lights shall be installed, one (1) each side of the upper front portion of the apparatus body.

The driver side scene light shall be a Whelen model M6ZC.

The officer side scene light shall be a Whelen model M6ZC.

Each light shall be mounted with a Whelen Model M6FC chrome flange.

## **SIDE FACING UPPER REAR BODY SCENE LIGHTS**

One (1) pair of Whelen M6 Series LED scene lights shall be installed, one (1) each side of the upper rear portion of the apparatus body.

The driver side scene light shall be a Whelen model M6ZC.

The officer side scene light shall be a Whelen model M6ZC.

Each light shall be mounted with a Whelen Model M6FC chrome flange.

## **UPPER REAR BODY SCENE LIGHTS**

One (1) pair of Whelen M6 Series LED scene lights shall be installed, one (1) each side of the upper rear portion of the apparatus body.

The driver side scene light shall be a Whelen model M6ZC.

The officer side scene light shall be a Whelen model M6ZC.

Each light shall be mounted with a Whelen Model M6FC chrome flange.

## **SCENE LIGHT SWITCHING**

One (1) rocker switch with indicator shall be installed on the switch panel in the cab to control the left side scene light(s). The switch shall be labeled "LEFT SCENE".

## **SCENE LIGHT SWITCHING**

One (1) rocker switch with indicator shall be installed on the switch panel in the cab to control the rear scene light(s). The switch shall be labeled "REAR SCENE".

## **SCENE LIGHT SWITCHING**

One (1) rocker switch with indicator shall be installed on the switch panel in the cab to control the right side scene light(s). The switch shall be labeled "RIGHT SCENE".

## **DUAL FUNCTION SCENE LIGHT(S)**

The rear scene lights shall activate automatically upon placing the transmission into reverse.

## **REAR VISION SYSTEM**

One (1) complete backup camera system shall be provided. There shall be (1) camera located at the rear of the apparatus as close to the centerline as possible. The camera shall be capable of viewing the entire area not visible in the side view mirrors. The camera shall have a 7.00" color display mounted in view of the driver. The system shall include audio transmission from the camera.

The rear vision camera shall be wired to automatically activate when the chassis transmission is placed in reverse.

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The monitor for the rear vision system shall be mounted on the dash of the cab in easy view of the driver.

## **NFPA AUDIBLE AND LIGHTING WARNING PACKAGE**

The following warning light package shall include all of the minimum warning light and actuation requirements for the current revision of the NFPA 1901/ 1906. The lighting as specified shall meet the requirements for both "Clearing Right of Way" and "Blocking Right of Way" which includes disabling all white warning lights when the apparatus is in "Blocking Right of Way" mode.

### **WARNING LIGHT FLASH PATTERN**

All of the perimeter warning lights shall be set to the default NFPA flash pattern as provided by the warning light manufacturer.

### **LIGHTBAR**

One (1) WHELEN model JE2NFPA 56.00" LED lightbar shall be supplied and mounted. The lightbar shall have clear lenses and contain the following modules:

Four (4) RED LIN6 LED modules, two (2) on each corner.

Four (4) RED CON3 LED modules, across the front

Two (2) WHITE CON3 LED modules, on the front

The forward facing white lights shall be automatically disabled for the "Blocking Right of Way" mode.

### **LIGHT BAR SWITCHING**

One (1) rocker switch with indicator shall be installed on the switch panel in the cab to control the light bar. The switch shall be labeled "LIGHT BAR". The switch shall only be active when the master warning switch is engaged.

### **SIDE FACING UPPER FRONT BODY WARNING LIGHTS**

One (1) pair of Whelen model M6 series LED warning lights shall be installed, one (1) each side of the upper front portion of the apparatus body.

The driver side warning light shall be a Whelen Model M6RC red Super-LED with clear lens.

The officer side warning light shall be a Whelen Model M6RC red Super-LED with clear lens.

Each light shall be mounted with a Whelen Model M6FC chrome flange.

### **SIDE FACING UPPER REAR BODY WARNING LIGHTS**

One (1) pair of Whelen model M6 series LED warning lights shall be installed, one (1) each side of the upper rear portion of the apparatus body.

The driver side warning light shall be a Whelen Model M6RC red Super-LED with clear lens.

The officer side warning light shall be a Whelen Model M6RC red Super-LED with clear lens.

Each light shall be mounted with a Whelen Model M6FC chrome flange.

### **UPPER REAR BODY WARNING LIGHTS**



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One (1) pair of Whelen model M6 series LED warning lights shall be installed, one (1) each side of the upper rear of the apparatus body.

The driver side warning light shall be a Whelen Model M6RC red Super-LED with clear lens.

The officer side warning light shall be a Whelen Model M6RC red Super-LED with clear lens.

Each light shall be mounted with a Whelen Model M6FC chrome flange.

## **UPPER WARNING LIGHT SWITCHING**

One (1) rocker switch with indicator shall be installed on the switch panel in the cab to control the upper warning lights. The switch shall be labeled "UPPER WARNING". The switch shall only be active when the master warning switch is engaged.

## **LOWER FRONT WARNING LIGHTS**

One (1) pair of Whelen model M4 Series LED warning lights shall be installed, one (1) each side one the front of the chassis cab.

The driver side warning light shall be a Whelen Model M4RC red LED with clear lens.

The officer side warning light shall be a Whelen Model M4RC red LED with clear lens.

Each light shall be mounted with a Whelen Model M4FC chrome flange.

## **LOWER INTERSECTION WARNING LIGHTS**

One (1) pair of Whelen model M4 LED warning lights shall be installed, one (1) each side of the chassis cab.

The driver side warning light shall be a Whelen Model M4RC red LED with clear lens.

The officer side warning light shall be a Whelen Model M4RC red LED with clear lens.

Each light shall be mounted with a Whelen Model M4FC chrome flange.

## **LOWER MID-BODY WARNING LIGHTS**

One (1) pair of Whelen model M7 Series LED warning lights shall be installed, one (1) each side of the apparatus, mid-body.

The driver side warning light shall be a Whelen Model M7RC red Super-LED with clear lens.

The officer side warning light shall be a Whelen Model M7RC red Super-LED with clear lens.

Each light shall be mounted with a Whelen Model M7FC chrome flange.

## **LOWER REAR WARNING LIGHTS**

One (1) pair of Whelen model M6 Series LED warning lights shall be installed, one (1) each side of the lower rear of the apparatus body.

The driver side warning light shall be a Whelen Model M6RC red Super-LED with clear lens.

The officer side warning light shall be a Whelen Model M6RC red Super-LED with clear lens.

The warning lights on the rear of the body shall be mounted in lower section of each tail light casting.

## **LOWER WARNING LIGHT SWITCHING**

One (1) rocker switch with indicator shall be installed on the switch panel in the cab to control the lower warning lights. The switch shall be labeled "LOWER WARNING". The switch shall only be active when the master warning switch is engaged.

# Fouts Bros Fire Equipment

## **ELECTRIC SIREN AND CONTROL**

One (1) Whelen model #295SLSA1 electronic siren shall be mounted in the cab. This unit shall feature an electronic air horn, wail, yelp, hi-lo and shall have a hard wired PA microphone.

## **ELECTRONIC SIREN SPEAKER**

One (1) Whelen model SA315P 100 watt speaker shall be provided. The speaker shall produce a minimum sound output of 120 dB at 10 feet to meet current NFPA 1901/1906 requirements.

The speaker shall be located on the right hand side of the bumper.

## **SIREN NOISE WARNING LABEL - FAMA# 42**

A permanent label shall be provided inside the driver's door warning of potential injury that could be received from the noise of the siren. The label shall also state safety precautions that should be taken when the siren is in use.

## **PAINT PROCESS**

The body shall be totally removed from the chassis during the painting process to insure the entire unit is covered.

The body and all parts shall be thoroughly washed with a grease cutting solvent PPG436 prior to any sanding. After the body has been sanded, it shall be washed again with PPG436 to remove any contaminants on the surface.

## **CHASSIS PAINT**

The chassis shall be painted by the OEM Chassis Manufacturer.

## **PAINT FINISH**

The body shall be painted with a PPG Delfleet Evolution Paint System.

As part of the curing process the painted body shall go through a baking process. The painted components shall be baked at 185 degrees for 3 hours to achieve a complete coating cure on the finished product.

After bake and ample cool down time, the coated surface shall be sanded using 3M 1000, 1200, and or 1500 grit sandpaper to remove surface defects. In the final step, the surface shall be buffed with 3M Super-duty compound to add extra shine to coated surface. No more than .5 mil shall be removed in this process.

All products and technicians shall be certified by PPG every two (2) years.

## **ANTI-CORROSION PROTECTION**

# Fouts Bros Fire Equipment

Where dissimilar metals must be joined, overlaid, share perforations or otherwise come in contact with each other to achieve construction, performance or aesthetic requirements, such items shall be separated by a continuous contact, nonconductive coating or film to prevent or otherwise mitigate the effects of electrolysis. Only stainless-steel hardware and fasteners shall be used in the construction of the apparatus. Where stainless steel fasteners pass through an aluminum component, the fastener contact surfaces, including the head, washer and nut shall be coated with ECK anti-corrosion material.

## **BODY UNDERCOATING**

The body underside, including the sub-frame and the inside of the wheel wells, NOT THE WHEEL WELL LINERS, shall be thoroughly coated with SWT commercial automotive undercoat and sound deadening material to protect the body module against corrosion. The coating shall be black and shall be tested to ASTM B117 Salt Spray test for 1,000 hours at 10-mils.

## **SIDE COMPARTMENT FINISH, ZOLATONE**

The apparatus side compartment interiors are to be coated with Zolatone, a polychromatic, modified nitrocellulose coating with a flat background color with accenting fleck colors. The compartments shall be cleaned with a grease remover, and then the surface sanded and prepared for painting. The Zolatone finish is washed and waxed like paint, and is resistant to man solvents and wear.

## **PAINT COLOR**

The apparatus body paint shall be "cross referenced" from the chassis paint, and shall be painted to match the main chassis color as close as possible.

## **WHEEL RIMS**

The chassis wheels shall be as furnished by the chassis OEM. No additional finishes shall be provided by apparatus manufacturer.

## **REFLECTIVE STRIPING**

Reflective striping shall be applied to the perimeter of the truck. Size and design shall be determined by the department.

## **CHEVRON STRIPING**

At least 50% of the rear of the unit shall be covered with Red and fluorescent Yellow-Green alternating 6.00" stripe in an inverted Chevron pattern.

## **LETTERING**

Reflective lettering shall be applied to the cab doors at the direction of the purchaser.

Photos or drawings of the lettering and striping layout shall be provided by the purchaser prior to construction.

## **FOUTS BROS. LOGO PLATE(S)**

# Fouts Bros Fire Equipment

Three (3) Fouts Bros. logo plate(s) will be affixed to the finished apparatus.

## **LOOSE EQUIPMENT**

The following items shall be provided and shipped loose with the completed apparatus at the time of delivery:

### **SUCTION HOSE**

Two (2) 6.00" X 8' section(s) of KOCHER, PVC type hard, suction hose shall be provided on the apparatus. The hose(s) shall be light weight type with Pyrolite, Long Handle Female x Rocker Lug Male, NST threads. The hose shall be black in color.

### **EXTENSION LADDER, 2 SECTION**

One (1) 12 foot, Alco-Lite model# PEL-12, two (2) section aluminum extension Ladder shall be supplied with the finished apparatus.

### **ONE YEAR APPARATUS WARRANTY**

The complete apparatus detailed herein shall be warranted against defects in materials and workmanship for a period of twelve (12) months, effective upon pick up or delivery of the completed apparatus to the purchaser, as detailed in the respective warranty documents. Any unauthorized alterations or modifications to the apparatus shall void this warranty.

Other warranties, as provided by individual component manufacturers may extend beyond this warranty.

### **APPARATUS BODY WARRANTY, TEN YEAR**

The apparatus body shall have a structural warranty, including panels and sub-frame, against bending, cracking, twisting or otherwise deforming for a period of ten (10) years, effective upon final payment in full by the Purchaser, and pick up or delivery of the completed apparatus to the Purchaser. Any unauthorized alterations or modifications to the body shall void this warranty.

### **PLUMBING WARRANTY, TEN YEAR**

A Stainless Steel Plumbing/Piping warranty shall be provided by the apparatus manufacturer for products of its manufacture to be free from defects in material and workmanship, under normal use and service, for a period of ten (10) years effective upon final payment in full by the Purchaser, and pick up or delivery of the completed apparatus to the Purchaser. Any unauthorized alterations or modifications to the plumbing shall void this warranty.

### **PAINT WARRANTY, FIVE YEAR**

The finish paint as used on the proposed apparatus shall be warranted against defects in materials and workmanship for a prorated period of five (5) years, effective upon final payment in full by the Purchaser, and pick up or delivery of the completed apparatus to the Purchaser. Any unauthorized alterations or modifications to the apparatus shall void this warranty.

### **APPARATUS ELECTRICAL WARRANTY, TWO YEAR**

# Fouts Bros Fire Equipment

The apparatus electrical system as detailed herein shall have an electrical warranty against defects in materials and workmanship for a period of two (2) years, effective upon final payment in full by the Purchaser, and pick up or delivery of the completed apparatus to the Purchaser. Any unauthorized alterations or modifications to the electrical system shall void this warranty.

## **AKRON BRASS WARRANTY**

The Akron Brass valves shall be warranted by Akron Brass for a period of ten (10) years from the date of delivery. The warranty for electronics shall be warranted by Akron Brass for a period of five (5) years from date of delivery.

## **WHELEN WARNING LIGHT / SIREN WARRANTY**

Whelen products shall be covered by a direct warranty for up to a maximum two (2) years from date of purchase (not to exceed three (3) years from date of manufacture), with proof of purchase. Whelen siren speakers, when used with a Whelen siren amplifier, are covered by a two (2) year warranty from the date of manufacture. Heavy-Duty motor assemblies (so marked) are covered by a direct warranty for up to three (3) years from date of manufacture.

## **WHELEN HDP / 5 YEAR WARRANTY**

Whelen Automotive Non-Lightbar Strobe Power Supplies, LED Ballasts and LED Products bearing the official HDP label and manufactured to HDP standards shall be covered by a direct warranty for up to five (5) years from date of manufacture.

## **WHELEN LIMITED LIFETIME WARRANTY**

The following Whelen products shall be covered by a lifetime warranty.

Freedom Series Lightbars, M-Series Lights, L31 Series, B6 Series, Micro Freedom Series, Pioneer Scene Lighting (Excluded Pioneer Life), PSTANK2.

## **KUSSMAUL ELECTRONICS WARRANTY**

All products manufactured by Kussmaul Electronics Company Inc. are warranted to be free of defects in material and/or workmanship. Kussmaul Electronics shall repair or replace without charge, any material or defects which become apparent in normal use within the specified warranty period.

All Electronic items are warranted for three (3) years  
Auto and Air Ejects are warranted for two (2) years  
Auto Pumps are warranted for one (1) year



## **BOSTON POST CANE POLICY FOR THE TOWN OF WILTON**

This policy will be in effect after acceptance by the Selectboard of Wilton and will stay in effect until the Selectboard repeal, amend or change it in some way.

### **Eligibility for the Award of the Boston Post Cane**

1. The recipient must be a resident of the Town of Wilton for at the least the past 5 consecutive years.
2. The recipient will retain that honor until they leave residency of the Town of Wilton for another permanent residency or until death even though another resident may become eligible.

The exception to this will be if the recipient resides in a Hospital, Nursing Facility, or other long-term facility or if they found themselves in a situation where they needed to live with family in another community. In the situation above, the recipient will retain the honor.

### **Methods of Search & Award of the Boston Post Cane**

When searching for a new recipient of the Cane, the Town Manager will conduct the search in the following manner:

1. The Selectboard shall announce the search for nominations for award of the Cane including a deadline for nominations. Such announcement shall be publicized through the standard posting of Board meeting agendas.
2. Search of town records, including a file kept by the Town Manager listing possible eligible people.
3. Informal inquiries of citizens and facilities.
4. Nominations for the Cane must be reviewed within 3 weeks of the deadline for nominations.
5. In the event that the eligible recipient does not want to receive the honor of the Cane, or the Town has made reasonable efforts to contact the eligible recipient with no response, the Cane will be awarded to the next eldest citizen that wishes to hold the title.

6. Following the determination of eligible person, the Selectboard will vote at a Selectboard meeting to award the Cane.

**Presentation of the Cane**

The Boston Post Cane will be presented by the Town Manager or his or her designee.

**Award**

1. The recipient will receive a replica of the Boston Post Cane, which will be returned to the Town of Wilton at the end of the recipient's eligibility.
2. The recipient will receive a certificate, which will belong to that person or their family with no return needed.
3. The Town Office must be notified if the recipient of the Cane dies or otherwise refuses or returns the honor.

This policy voted on and accepted on March 19, 2024.



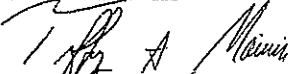
Keith Swett



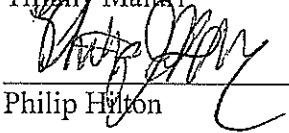
David Leavitt



Michael Wells



Tiffany Maiuri



Philip Hilton

Selectboard of the Town of Wilton.



**MEMO TO: TOWN SELECT BOARDS**

**FROM: AMY BERNARD, COUNTY ADMINISTRATOR**

**DATE: FEBRUARY 27, 2024**

**RE: TOWN CAUCUS/BUDGET COMMITTEE VACANCIES**

The Franklin County Commissioners requested that I contact you to inform you that we have vacancies on the Budget Committee, in all three Commissioner Districts. District One, one vacancy, District Two, two vacancies, and District 3, one vacancy. According to 30-A, M.R.S.A. § 873(1), whenever a vacancy occurs the towns shall caucus and elect members to fill the vacancies. Just a reminder, however, only the Town Selectpersons may participate in the caucus or serve on the Budget Committee.

As a friendly reminder, once the County goes to 5 Commissioner's every seat will be open.

The caucus will be held on March 26, 2024 at 5:00 p.m. at the Courthouse. Please be prepared to submit a name of a Municipal Officer (Selectperson) you wish to be on the Budget Committee.