

BRAUN-NW inc.

150 North Star Drive / PO Box 1204 / Chehalis, WA 98532 / 360.748.0195 / 800.245.6303 / fax 360.748.0256

PROPOSAL

NOVEMBER 17, 2016

MERCER ISLAND FIRE DEPARTMENT
ATTN: BARRY COLLIER
3030 78TH AVENUE SOUTHEAST
MERCER ISLAND, WA 98404

RE: 2017 NORTH STAR 138-3 TYPE III MODULE AMBULANCE

BRAUN NORTHWEST IS PLEASED TO OFFER THE FOLLOWING PROPOSAL WHICH IS BASED UP THE OPEN BAINBRIDGE ISLAND FIRE DEPARTMENT BID DATED 8/5/14 WHICH IS OPEN TO INTERLOCAL PURCHASES BY OTHER AGENCIES.

ONE (1) 2017 NORTH STAR 138-3 AMBULANCE ON A 2017 FORD E350 GAS 4X2 AMBULANCE PREP CHASSIS PER ENCLOSED SPECIFICATIONS DATED 11/16/16 AND DRAWINGS DATED 11/7/16.

BASE PRICE FOR BAINBRIDGE ISLAND FIRE DEPARTMENT.....	\$148,953.00
CHANGES MADE TO THE ABOVE REFERENCED SPECIFICATIONS.....	\$ 7,464.00
TOTAL AMOUNT F.O.B CHEHALIS, WA	<u>\$156,417.00</u>

Sales tax not included

F.O.B.: CHEHALIS, WASHINGTON

DELIVERY: APPROXIMATELY 280 DAYS ARO.

TERMS: NINETY PERCENT (90%) PAYMENT DUE UPON RECEIPT OF VEHICLE. BALANCE DUE IN THIRTY (30) DAYS.

Braun Northwest, Inc. is a Washington dealer (0991-A) with insurance information available upon request.


(Note: This bid is contingent on use of customer's Government Ford Fleet Identification Number.)

Respectfully Submitted by
BRAUN NORTHWEST, INC


Tami McCallum, Vice President

Date: 11/17/2016

We agree to accept the above proposal:
MERCER ISLAND FIRE DEPARTMENT

 11/22/16
Signature Date

Steven C. Heitman Fire Chief
Printed Name Title

TM/sel
cc: DS

Enclosures: Specifications, drawings



EMERGENCY VEHICLES

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BRAUN NORTHWEST, INC.

**DETAIL SPECIFICATIONS
FOR
MERCER ISLAND FIRE DEPARTMENT
MERCER ISLAND, WASHINGTON**

1.01

OEM CHASSIS

- 2017 Ford E-350, meeting all the specifications of Section 1.01.
 - 3 year/36,000 mile "Bumper to Bumper" warranty
 - Ambulance Prep. Package
 - Dual rear wheels
 - Provided by Braun Northwest

1.01.01

SPECIFIC RATINGS

- Drive – 4 x 2
- G.V.W.R. – 11,500 lbs.
- Wheelbase – 138"
- Cab to Axle – 80"
- Curb Weight – 9,100 lbs. approximate
- Payload – 2,200 lbs. approximate
- Front Spring Capacity – 4,600 lbs.
- Rear Spring Capacity – 8,500 lbs.
- Front Axle – 5,000 lbs.
- Rear Axle – 8,500 lbs.
- Rear Differential – 4.10 ratio, limited slip

1.01.02

POWER TRAIN

- Engine – Gasoline
 - 6.8L EFI Triton V10
 - 5 year/60,000 mile warranty
 - Engine block heater
 - External oil cooler
 - Heavy duty dry type air cleaner with flow restriction indicator
- Engine Cooling System
 - Heavy duty, closed-air, free-liquid state type
 - Coolant recovery system
 - 50/50 solution Permanent type antifreeze to –40 degrees F
- Transmission
 - TorqShift HD 6-speed automatic transmission with two overdrive ratios, tow/haul mode, SelectShift capability, and one (1) reverse gear.
 - Auxiliary external oil cooler
- Exhaust System
 - System complies with Federal Motor Carrier Safety Regulations, Part 393.83
 - Suspended using three (3) hangers, excluding manifold attachment
 - Discharge at right rear side of module

- Tailpipe shall not terminate within twelve (12) inches of the vertical axis of the fuel tank filler opening.

1.01.03 STEERING

- Power assisted
- Tilt steering wheel
- Shock type steering stabilizer

1.01.04 SHOCK ABSORBERS/STABILIZER BARS

- Heavy-duty shock absorbers front and rear
- OEM front and rear stabilizer bar

1.01.05 BRAKES

- Heavy duty power assisted; Front and rear disc
- Front 13.58" diameter; Rear 13.58" diameter
- Four Wheel ABS

1.01.06 TIRES AND WHEELS

- Seven (7) OEM LT 225-75Rx-16E all-season steel belted radials
- Seven (7) OEM 16" steel wheels
- Steel valve stems
- Spare tire and wheel shipped loose

1.01.07 ELECTRICAL

- Alternators – OEM Single Heavy Duty 225 amp
- Batteries – OEM Dual Heavy Duty, 750-CCA each

1.01.08 INSTRUMENT PANEL AND CONTROLS

- Gauges
 - Trip odometer
 - Fuel
 - Coolant temperature
 - Oil pressure
- Controls – Cruise
- Audio – OEM AM/FM /CD

1.01.09 CAB EXTERIOR

- Horn – OEM dual electric
- Windows – Tinted safety glass
- Windshield wipers – Two-speed electric, washer and intermittent speed control
- Mirrors
 - Two (2) black, below eye level, manually telescoping trailer tow
 - Power glass
 - Lower portion convex
- Chrome bumper and grille
- Aerodynamic halogen headlamps
- Fuel tank – OEM 40 Gallons

1.01.10

CAB INTERIOR

- Seats – OEM
 - Cloth covered high back captain's chairs
 - Combination lap and shoulder harness
 - Retractable arms on inside, side door armrest
- Climate Control – OEM
 - Heavy duty, fresh air, high capacity heater/defroster
 - Dehumidifying air conditioning system
- Interior Upgrade Package (18C)
 - Cloth headliner
 - High-series door trim panels
 - Cloth sun visors
 - Flooring – Black vinyl
 - Power door locks & windows
- Lights and Convenience Group
 - Courtesy light switches on all doors
 - Warning chimes
 - Headlight-on audible alert
 - Illuminated entry
- Ambulance Prep. Package
 - Dual air bags
- 12 Volt Power Point

1.01.11

COLORS

- Exterior – Race Red (PQ)
- Interior – Gray

1.02 CHASSIS MODIFICATIONS

The following modifications will be made to the chassis Braun Northwest.

1.02.01B STABILIZER BAR

The OEM stabilizer bars shall be removed and 1.5" IPD front, and 1.50" IPD rear stabilizer bars installed.

1.02.02A EXTERIOR MIRRORS

The upper portion, 7"W x 8.25"H, of the OEM mirrors shall be replaced with heated glass. They shall be wired with an ON/OFF switch in driver's console (Section 6.09 related).

1.02.04 EXHAUST HEAT SHIELDS

Shall be formed from 20 ga. galvanized steel sheets with stamped reinforcements and formed edges. Access openings shall be provided for shock absorber, mounting bolts, etc. Heat shields shall be bolted to chassis frame and extend from back of cab to the frame cross member just behind the rear axle.

1.02.05A RUNNING BOARDS WITH SPLASH GUARDS

Shall be installed on both sides of the vehicle. They shall be made of 0.125" polished aluminum diamond plate. The running boards shall be flared to the front corner of module. The splash guards shall be welded to forward end of the running boards. The entire assembly shall be securely mounted with stainless steel 1/4"-20 Truss head bolts.

1.02.07X AUTO THROTTLE

An Intermotive AFIS420VSX-B voltage monitor shall be installed to automatically adjust the auto throttle for changes in electrical load.

1.02.08C RECOVERY EYES

Two rear recovery eyes shall be installed in a 6.75"W x 6.75"H x 4.375"D recessed pocket. Eyes shall be 1.8125" ID bolted to frame. These tow eyes shall not be used for towing or lifting of emergency vehicle.

1.02.09A MUD FLAPS

Mud flaps with the NORTH STAR logo on them shall be installed behind each rear wheel.

1.02.12 MAP BOX/DRIVER'S CONSOLE

Shall be an integral part of the driver's console (Section 6.09 related).

1.02.14 SUSPENSION

Shall be a LiquidSpring System, installed with a kneeling feature to activate when the rear streetside patient compartment entrance door opens. An override switch shall be provided on the curbside rear wall, accessible from rear curbside door. The LiquidSpring control panel shall be installed on the chassis dash, exact location to be determined at the preconstruction meeting.

1.02.19 SHOCK ABSORBERS

A set of Bilstein shock absorbers shall be installed on the rear of the chassis, replacing the OEM shocks (Section 1.01.04 related).

- 1.02.20 SECURE IDLE**
A Secure Idle system shall be installed, allowing engine to idle without the key in the ignition. Switch and indicator light shall be mounted on driver's console.
- 1.02.31X EXHAUST**
Exhaust to exit perpendicular and aft of the curbside wheel well.
- 1.02.33X TRAILER HITCH/PLUG**
A Class 3 trailer hitch, with standard six-pole connector wire harness and round pins shall be mounted below the rear bumper.
- 1.02.35 KEY SECURE**
A Knox Key Secure 3b, Model #2651 box, with a remote blue strobe warning light and USB port shall be installed in the driver's console. Install light on the driver's side, side of the map box.
- 1.02.50X SOUND DEADENING CAB**
Add Cascade VB3 sound-deadening insulation on the cab floor and carpet the module recess and sides of cab behind seats.

1.03 MODULE-TO-CHASSIS MOUNTING SYSTEM

- 1.03.01 MODULE MOUNTING SYSTEM**
Module mounting system shall be designed and used as supplied by chassis manufacturer. It shall consist of 12 rubber puck mounts secured with chassis manufacturer supplied 0.50" hardened bolts.
- 1.03.02 CAB-TO-MODULE ATTACHMENT**
The module shall be attached to the cab by (20) 5/16" Grade 5 plated steel bolts with nylon locking nuts. Access plates shall be provided in the bulkhead wall for the servicing of cab to module bolts or for remounting of the body.
- 1.03.03 CAB-TO-MODULE GASKET**
Between the cab and module, a closed-cell neoprene weatherproof gasket shall be installed to minimize electrolytic corrosion.

2 MODULAR CONSTRUCTION

All material utilized shall be of the correct type, alloy, and thickness to withstand the intended usage and provide protection against cracking, corrosion, or metal fatigue. All materials utilized shall be of open stock origin, commonly available through local sources, for rapid and economical repair or modification of the body. Any use of proprietary parts or materials in the construction of the body is unacceptable, due to potential delays or difficulties in future repairs or service. NO EXCEPTIONS TO BE TAKEN IN THIS AREA. This specification has been designed and written to fill specific needs of this agency. Where brand name, make, or model of equipment has been specified, no exceptions will be allowed. Where compartment and cabinet sizes have been specified, bidder must bid substantially (plus or minus 1") the size specified.

The module shall have a transferable lifetime structural warranty.

2.01

MATERIAL

<u>EXTRUSIONS</u>	<u>SIZE</u>	<u>ALLOY</u>
Structural Tubing	1" x 2" x 0.125" sq.	6063-T52
Structural Tubing	2" x 2" x 0.125" sq.	6063-T52
Cross Members	3" x 3" x 0.375"	6061-T6
Cross Members	1.5" x 3" x 0.25"	6061-T6

<u>FORMED SHEETING</u>	<u>SIZE</u>	<u>ALLOY</u>
Skin/Roof/Compartments/Subfloors/Doors	0.125"	5052-H32
Interior Cabinets	0.090"	5052-H32
Diamond Plate	0.125"/0.08"	3003-H32
Stainless Steel	16 ga., 20 ga.	304 # 4B

2.02X

MODULE DIMENSIONS

Overall Vehicle Dimensions: (Specifications are listed as minimums.)

Length:	19' 8.75"	(236.75")
Width:	7' 10"	(94") (Excluding Mirrors)
Height:	8' 7.75"	(103.75")

Exterior Module Dimensions: (Specifications are listed as minimums.)

Length:	11' 6"	(138")
Width:	7' 10"	(94")
Height:	7' 0.375"	(84.375")

Interior Dimensions: (Specifications are listed as minimums.)

Length:	Forward wall to rear doors	130"
Width:	Left wall to right wall	89"
Floor Width:	Left cabinets to squad bench	50"
Height:	Floor to ceiling	68"

Load Height:	Ground to floor height (approx.)	33"
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2.03**STRUCTURAL FRAMING**

Sidewall and rear wall construction shall consist of 2" x 2" x 0.125" aluminum square tubing extensions welded together with a maximum of 14" centers. 1" x 2" x 0.125" aluminum tubing may be utilized in addition to 2" x 2" tubing to accommodate custom compartment sizes. The bottom of the wall structure shall be sealed with welded 2" x 2" tube, 2" x 2" angle, or 0.125" plate depending upon location. Wall structure shall be capped with a 2" x 2" x 0.125" header upon which the 2" x 2" x 0.125" roof structure is welded. This process provides a unitized roll cage structure for greater occupant safety.

2.04**FOUNDATION SYSTEM**

Shall consist of a 0.125" aluminum sheet subfloor with foundation members securely welded under the subfloor. Members shall consist of five 3" x 3" x 0.375" structural angles and one 1.5" x 3" x 0.250" channel (above fuel tank) running full width side to side with two 0.250" x 1.5" aluminum members running lengthwise between the structural angles.

2.05**MODULE SEAMS**

All body and compartment seams at or below floor level shall be full-seam-welded. The entire perimeter of the subfloor shall be completely sealed with a caulking material, creating a watertight, dust-free module environment.

2.06**EXTERIOR SKIN**

In addition to welding the exterior skin to structural framing, a Norton NORBOND closed-cell, polyurethane foam tape with high-performance acrylic adhesive shall be utilized full length on all front and rear wall and roof frame members. A polyurethane adhesive sealant shall be applied to the edges of framing members that are bonded with NORBOND tape. An advanced two-part methacrylate structural adhesive shall be used to bond all side wall tubes to the exterior skin and door frames.

The module shall be constructed utilizing full-size sheet construction to minimize body seams. There shall be no corner or mid-body seams.

2.07**MODULE ROOF**

In order to improve module strength and reduce roof seams the following roof system shall be utilized. The roof shall be seamed in the center, shall be crowned, have a 1.500" radius at the corners, and provide a weatherproof overlap of the aluminum side sheets 5.250" below the roof line. The roof shall be supported by positive contact between sidewall framing and roof framing. All seams on the roof surface shall be full seam welded on the outside and caulked on the inside. In order to avoid the possibility of paint and/or weld cracking, no extrusions shall be used in the exterior construction of the roof or corners of the vehicle.

A contoured, 3/8" aluminum plate, painted to match the module, shall be welded to the roof structure and project through the center of the roof to serve as anchorage for personal fall arrest equipment. The anchorage is designed and rated for a single person only.

2.08**MODULE EXTERIOR COMPARTMENTS**

All compartments are constructed from formed 0.125" aluminum and are securely welded to the subfloor and structural framing. A baffled drain hole shall be provided in all exterior compartment bottoms that extend below the floor line. All exterior adjustable shelves shall be mounted on heavy duty aluminum adjustable track which is securely welded to compartment interiors. Each shelf shall support at least 300 lbs. of equipment. Compartments will be sweep-out design.

COMPARTMENT #1

Interior Dimensions – 44"W 44"H x 19"D

Doorway Dimensions – 44"W 44"H

Location – Streetside, forward

Shelving – Three adjustable, two bin-style and one full-width into recess. The bin shelf in the forward portion shall be 16.5"W and the aft portion shall be 22.75"W.

Door(s) – Double

Light(s) – One LED light strip

Additional Instructions – The 120VAC power box shall be installed in the forward wall (Section 6.21X related), recessed so as not to protrude into the compartment. The forward bin shelf flange shall be reduced for better 120VAC box access.

An inverter shall be installed in the lower forward corner with a perforated aluminum enclosure (not shown in drawings, Section 6.31X related).

A filtered vent shall be added to the forward wall, and a puck vent shall be added to the back wall.

COMPARTMENT #2

Interior Dimensions – 45"W x 43"H x 11.32"D

Doorway Dimensions – 45"W x 43"H

Location – Streetside, above wheel well

Shelving – None

Door(s) – Double

Light(s) – One LED light strip

Additional Instructions – Four sections of aluminum adjustable track shall be installed horizontally on the back wall for four *customer-supplied* ZICO MSA 45 minute SCBA brackets (Section 4.50 related). One section of aluminum adjustable track shall be installed on the compartment ceiling with an aluminum angled piece with four hooks (See #1532-3 pictures).

Two Streamlight Fire Vulcan LED portable spotlights with charging bases shall be installed; one on the forward wall and one on the aft wall (Section 6.45X related)

COMPARTMENT #3

Interior Dimensions – 23"W x 74"H x 19"D

Doorway Dimensions – 23"W x 74"H x 19"D

Location – Streetside, rear

Shelving – One adjustable half-width shelf located just above O2 bottle

Door(s) – Single

Light(s) – One LED light strip

Additional Instructions – This compartment shall have a full length vertical divider. Full-height aluminum adjustable track shall be installed on the forward and aft walls of the forward section of the compartment. Three straps shall be installed on the forward wall for storage of an M-size cylinder. Two backboard-restraining straps shall be installed in aft section for storage of two backboards and one clam backboard. Two restraining straps shall be installed on the forward-facing side of the divider for equipment storage.

The compartment shall be vented by a puck vent in the back wall, forward.

COMPARTMENT #4

Interior Dimensions – 31.25"W x 25"H x 19"D

Doorway Dimensions – 31.25"W x 25"H x 19"D

Location – Curbside, rear

Shelving – One adjustable

Door(s) – Single

Light(s) – One LED light strip

Additional Instructions – None.

COMPARTMENT #5 – Inside/Outside Access (Drawings show Compartment #6)

Interior Dimensions – 25.75"W x 67.75"H x 32"D

Doorway Dimensions – 25.5"W x 64.75"H

Location – Curbside, forward

Shelving – See Cabinet #10 and 12

Door(s) – Single

Light(s) – One LED light strip

Additional Instructions – This compartment shall have a full-width stainless steel threshold on the floor level shelf. The below-floor portion of this compartment shall be for battery storage, with a rollout tray capable of holding three Group 34 batteries. The area shall be vented to the outside and sealed to prevent battery vapors from entering the patient area. (Section 6.24 related) A stainless steel striker plate shall be installed on the inside hinge edge of the door.

2.09 MODULE DOORS

The doors shall be box-pan-formed with a total thickness of 2".

2.09.01 DOOR SEAL

Each doorframe will have a 0.875" flange for the installation of an air cell hollow core, 360-degree compression door seal. This seal creates watertight, dust-free compartment integrity. Door seal shall be knock-on type.

2.09.02 DOOR HINGES

Shall be full-length, piano-type, stainless steel hinges, 2.5" wide with a 0.25" pin. The hinges shall be attached with Sikaflex and #12 x 3/4" stainless steel truss head screws spaced 4" apart. All curbside and streetside doors shall be hinged on the forward sides. All rear doors shall be hinged on the outboard sides.

2.09.03 DOOR LATCHES

Exterior door handles shall be semi-flush, cast aluminum, Eberhard E Grabber model 21100. Passage doors shall have release handles on the inside of each door. All exterior doors shall have rotary latches and striker posts that meet FMVSS 206 requirements. Striker posts shall be adjustable and shall be secured with a nut from behind the door frame. The striker washer shall not be removed. Doors greater than 45" tall shall have double rotary latches activated by stainless steel rods. Once final adjustments have been made, threads shall have Loctite or equivalent applied. All double-door compartments shall have an exterior E Grabber handle and rotary latches on each door. Doors shall latch to doorframe-mounted striker posts only and not to one another. Curbside passage and rear curbside doors shall have interior handles with dual-point, rod-actuated, rotary latch systems that are lockable inside and out. All locks shall be keyed J236.

- 2.09.04 COMPARTMENT DOOR CONTROL**
A heavy-duty, double-spring door control capable of holding the door open at approximately a 90-degree angle on any road surface shall be installed at the top of each compartment door.
- 2.09.05 CURBSIDE DOOR CONTROL**
Shall be a heavy-duty, double spring door check installed at the top of the door. This door check will hold the door open at approximately a 90-degree angle on any road surface.
- 2.09.06 REAR DOOR CONTROL**
Shall be grabber-type hold-open devices with replaceable rubber catches.
- 2.09.07X COMPARTMENT DOOR SKINS**
Shall be 0.080" bright aluminum diamond plate and be removable to service door hardware.
A Truck light Model 30 2" red LED light with black grommet shall be added to the bottom outboard corner of each door and shall flash when the door is open.
Compartment #5 doorskin shall be brushed stainless steel with a stainless wrap on inside edge and be removable to service door hardware.
Red/white 1.5" conspicuity tape shall be installed on the vertical edge of each door.
- 2.09.08X ENTRANCE DOOR SKINS**
Shall be high-pressure-laminate-covered 0.090" aluminum plate with 20" stainless steel kick panels on the side door and 16" stainless steel kick panels on the rear doors. The door skins shall be removable to service door hardware.
A Truck light Model 30 2" red LED light with black grommet shall be added to the bottom outboard corner of each door and shall flash when the door is open.
Red/white 1.5" conspicuity tape shall be installed on the top, bottom, and vertical edges of the side passage door and curbside rear door. The streetside rear door shall have tape on the top and bottom edges.
- 2.09.09 ENTRANCE DOORWAYS**
One curbside and two rear module entrance doors shall be provided. The curbside doorway dimensions shall be 28"W x 69.75"H. The rear doorway dimensions shall be 49.75"W x 60"H.
- 2.09.10 THRESHOLDS**
All compartment and module access doorframes shall have full-width-formed stainless steel threshold plates to protect the lower edge of frame.
- 2.10X MODULE INTERIOR CABINETS**
Shall be formed of 0.090" aluminum and shall be securely welded or mounted to the structural framing. All interior adjustable shelves shall be mounted on 1" wide aluminum adjustable track.

CABINET #1

Dimensions – 45.5"W x 10"H x 14.75"D

Location – Streetside, upper forward

Shelving – None

Door(s) – Sliding, clear 0.177" acrylic with felt-lined anodized aluminum track and fully-extruded aluminum door pulls

Additional Instructions – None

CABINET #2

Dimensions – 45.5"W x 10"H x 14.75"D

Location – Streetside, upper center

Shelving – None

Door(s) – Sliding, clear 0.177" acrylic with felt-lined anodized aluminum track and fully-extruded aluminum door pulls

Additional Instructions – None

CABINET #3 – Action Area

Dimensions – 41"W x 22.5"H x 19"D

Location – Streetside

Shelving – None

Door(s) – None

Lighting – LED strip light

Additional Instructions – It shall contain an attendant control panel, a vacuum connection, a suction collector, an oxygen outlet, one 120VAC receptacle, one 12VDC receptacle, a digital thermostat, an inverter panel and a dual USB charging port.

The streetside wall area shall be lighted utilizing LED strip lights with a joint ON/OFF switch in the attendant panel (Section 6.14X related).

Full-depth countertop shall be located below the action wall. The countertop shall be one-piece 16 gauge, 304 stainless steel with a 0.5" aluminum retaining lip.

CABINET #4 – Streetside Squad bench

Dimensions – Bench: 46"W x 18.75"H x 7.75"D

Storage: 46"W x 7.625"H x 7.75"D

Location – Streetside

Shelving – None

Door(s) – Painted aluminum bottom-hinged door with gasket and two Southco push/flip latches.

Lighting – LED strip light

Additional Instructions – The seat shall have a 1.5" overhang, and the pad shall be removable. The seat back, side, and head pads shall have high-density foam padding covered with seamless Spradling Perform 60 vinyl.

Two red two-point seatbelts shall be installed on the seat (Section 5.14A related).

An oxygen window shall be installed on the wall aft of the seat facing the aisle (Section 5.29A related).

The seat area shall be lighted utilizing an LED strip light with joint ON/OFF switch in the attendant panel (Section 6.14X related).

CABINET #5

Dimensions – 31"W x 10"H x 10"D

Location – Curbside, rear

Shelving – None

Door(s) – Sliding, clear 0.177" acrylic with felt-lined anodized aluminum track and fully-extruded aluminum door pulls

Additional Instructions – None

CABINET #6

Dimensions – 31"W x 10"H x 10"D

Location – Curbside, center

Shelving – None

Door(s) – Sliding, clear 0.177" acrylic with felt-lined anodized aluminum track and fully-extruded aluminum door pulls

Additional Instructions – None

CABINET #7 – Squad Bench with Storage

Dimensions – Bench: 67"W x 18.75"H x 19"D

Storage: 32.625"W x 7.625"H x 19"D

Location – Curbside

Shelving – None

Door(s) – A hinged aluminum bench lid, with high-density foam padding covered with seamless Spradling Perform 60 vinyl shall provide access to the storage area. It shall have a 1.5" overhang, an automatic hold-open device. The pad shall be removable.

Additional Instructions – The squad bench back and head pads shall have high-density foam padding covered with seamless Spradling Perform 60 vinyl. Three sets of red two-point seatbelts shall be installed on the bench and set up for use with sit-up or stretcher patients. The squad bench base shall be formed from aluminum and securely anchored to sub-floor.

The bottom and unfinished sides of the storage area shall be sprayed with textured gray polyurethane and painted white with gray splatter.

An oxygen outlet shall be installed on the wall above the forward end of the bench. A removable bench restraint bar shall be located at the forward end of the bench with a sharps and waste container (Section 5.34D related).

An atomic-controlled clock shall be located on the aft wall of the squad bench (Section 5.24A).

A white marker board shall be installed on the forward-facing wall at the aft end of the squad bench (Section 5.23A related).

An LED strip light shall be installed above this area, with an ON/OFF rocker switch in a two-switch panel near the oxygen outlet on the wall (not shown in drawings, section 6.14X related).

CABINET #8 – HVAC

Dimensions – 34.75"W x 12"H x 25.875"D

Location – Front, upper right

Shelving – None

Door(s) – None

Additional Instructions – This area shall house the HVAC unit (5.17A related).

CABINET #9 – Electrical Cabinet

Dimensions – 31.25"W x 11.125"H x 10"D

Location – Front, center, over pass-thru

Shelving – None

Door(s) – Aluminum, hinged, swing up door with a hold-open device, a rotating non-keyed lock, and an automatic compartment light.

Additional Instructions – This cabinet shall house the electrical component module.

CABINET #10 – Inside/Outside Access

Dimensions – 34.75"W x 32.375"H x 25.875"D Upper

Dimensions (Lower) – 34.75"W x 21.875"H x 12.875"D lower

Location – Right front stack, upper

Shelving – One adjustable, one fixed

Door(s) – Webbed net with three quick-detachable buckles on both sides

Additional Instructions – This cabinet shall provide inside/outside access to Compartment #5.

Two 120VAC receptacles and two 12VDC receptacles shall be installed; one above each shelf. Each shelf shall have a 2.5" hole to accommodate power cords.

This area shall provide storage for a *customer-supplied-and-installed* Phillips MRX monitor/defibrillator, 12.4"W x 10"D.

A small cubby for two *customer-supplied-and-installed* D cylinders shall be fabricated in the upper inboard portion, with a lip-down painted aluminum door with a Southco #C2 latch.

A white marker board shall be installed on the wall facing the aisle (Section 5.23A related).

CABINET #11

Dimensions – 17.25"W x 20.125"H x 14"D

Location – Streetside, forward of Cabinet #3

Shelving – Two adjustable

Door(s) – None

Additional Instructions – None

CABINET #12 – Inside/Outside Access

Dimensions – 34.75"W x 21.875"H x 12.875"D lower

Location – Right front stack, lower

Shelving – None

Door(s) – Webbed net with three quick-detachable buckles on both sides

Additional Instructions – This cabinet shall provide inside/outside access to Compartment #5.

2.11 SIDE DOORSTEP

A recessed curbside side doorstep shall be provided which is 11.5" deep x 28" wide. There shall be a drain hole and an open grate step plate which is removable for cleaning purposes. Polished aluminum diamond plate kick panel will be installed on the sides and face of doorstep.

2.12 FRONT MODULE WALL RECESS

Shall be recessed 6" into the module body to provide for maximum adjustment of cab seats.

2.13X CAB TO MODULE PASSAGE

Shall be a pass-thru measuring 17.25"W x 29.75"H.

3 COATINGS AND FINISHES

3.01 MODULE FINISH PREPARATION

The module shall be seam sealed and all imperfections on aluminum surfaces of module shall be sanded smooth. The entire exterior shall be mechanically etched and washed with wax and grease remover to ensure proper primer and paint adhesion.

3.02 MODULE PRIMER

Module shall be primed with urethane primer prior to applying the finish coat of acrylic urethane paint.

3.03 PAINT TYPE

Shall be Sherwin Williams acrylic urethane.

3.04 COLOR SCHEME

Base color: Victory Red, Color Code GB-52579

Stripe #1 Material: White Reflective Scotchlite
 Width: 8"
 Style: Beltline
 Location: Sides and rear of vehicle
 Reference: Drawing # 1 – 4
(Striping to be installed prior to lights and latches)

Stripe #2 Material: White Reflective Scotchlite
 Width: 8"
 Style: Angled up
 \Location: Sides of module, aft of rear wheel wells
 Reference: Drawing # 1 & 3
(Striping to be installed prior to lights and latches)

Stripe #3 Material: Black Scotchlite
 Width: 0.25"
 Style: Outline
 Location: Outline of Stripe #1 and #2
 Reference: Drawing # 1 – 4
(Striping to be installed prior to lights and latches)

3.04.01 CHASSIS COLOR

Chassis shall be repainted Victory Red, Color Code GB-52579, including inside lip of engine compartment and inside of hood.

3.06 COMPARTMENT FINISH

All compartments shall be sanded, etched, washed, primed, coated with textured polyurethane finish and painted white with light gray splatter paint. (G8-33631 Alt 2 / G8-51748)

All shelves and trays shall be sanded, etched, washed, primed, and painted white with light gray splatter paint. (G8-33631 Alt 2 / G8-51748)

- 3.07 INTERIOR CABINETY FINISH**
All interior cabinetry shall be sanded, etched, washed, primed, and painted light gray (#G8-51748).
- 3.08 MODULE UPHOLSTERY**
Shall be Spradling Perform 60 vinyl, Dove Gray, and be seamless.
- 3.09 MODULE FLOORING MATERIAL**
Shall be Genome (#TFM2702) Altro Transflor Meta Slip-Retardant Sheet flooring providing durability, ease of maintenance, and stain resistance. It shall contain a high concentration of microscopic aluminum oxide particles and colored quartz crystals suspended throughout the thickness with silicon carbide grains in the entire wear surface for slip-retardant performance. It shall have a bacteriostat incorporated to give flooring excellent anti-bacterial activity and an overall thickness of 0.11" nominal. Flooring shall be manufactured for Wear Resistance to meet ASTM C 501, indentation resistance in accordance with ASTM F 1303 and ASTM F 970, Grade 1 standards, shall meet ASTM D 2047 Slip Retardant, ASTM F 970 Static Load, ASTM E648, CMVSS, FMVSS 302, CAN ULC S102.2 Fire Data Tests. It shall be seamless and cove up the sidewalls a minimum of 5" as a seal.
An insulated floor shall be installed over the subfloor. It shall be constructed with square tubing (0.75" x 0.75" x 0.125"), filled with 0.75" thick polyiso foam insulation, and covered with 0.125" aluminum sheet (Section 2.04 related).
- 3.10 COMPARTMENT LINING**
Compartment floors shall be lined with light gray Matéflex material and all shelves with easy sweep mat.
- 3.11 CABINET LINING**
Interior cabinet shelves shall be lined with easy sweep mats, which are removable for ease of cleaning.
- 3.12 SURFACES AND FINISHES**
All surfaces and finishes shall be impervious to soap, disinfectants, and water, to permit washing and sanitizing.
- 3.13 AUTOMOTIVE UNDERCOATING SEAL**
The module underbody (excluding the area above the fuel tank, driveline, and exhaust lines, per manufacturer's specifications) shall be sprayed with undercoating for reduced corrosion and added sound deadening.
- 3.14X PLACARD/PLACARD HOLDER**
Three placard holders with placards shall be provided. Placard holders shall be made of formed stainless steel and hold 14.125" W x 10.375" H placards made of 0.177" Red acrylic. These shall be installed one each on the streetside, curbside, and rear of the module.

4 MODULE EXTERIOR

4.01 STEP/BUMPER

Shall be a welded construction of 3" x 3" x 0.375" aluminum angle and 2" x 0.250" plate and shall be covered by 0.125" bright aluminum diamond plate. The center section, below the doors, shall have plasma cut open flow design (different perforation shape than shown in drawings; match #1532-3 bumper) to prevent accumulation of water and snow and provide a 7" step. The outermost 12" of each end shall be angled to prevent dragging of corners in high angle of approach/departure areas. Diamond plate shall be formed on front and rear edges for channel type strength and formed 0.090" aluminum close out shall be welded to the underside of the step/bumper. The bumper shall be bolted directly to the chassis frame using high strength Grade 5 bolts. Bumper shall be easily removable and replaceable in case of damage. Step/bumper to be designed to accommodate a one-person-style cot.

4.02 RUB RAILS

Shall be bright finished extruded aluminum of a double channel design and 0.125" wall thickness for maximum strength. Rub rails shall be 2.5" high x 0.75" wide and run along the lower edge of body, interrupted only by wheel well opening. A red/white conspicuity reflective tape shall be installed in the insert area of the rub rail.

4.03 FENDER RINGS

Shall be installed on the module. They shall be bright polished aluminum with a rounded outer edge following the full contour of the wheel well opening.

4.04 DRIP RAIL

Shall be extruded, anodized aluminum running full length of module at top of sides, front, rear and over each exterior compartment. Drip rails shall be installed with bonding tape and mechanical fasteners on each end that shall withstand exposure to the elements. They shall be installed to allow easy replacement and be finished with 45-degree angled ends to avoid hooking materials which brush against the vehicle causing damage.

4.05 ROCK GUARDS

Made of bright aluminum diamond plate shall cover front module corners 24" up from bottom of body, 2.5" down the side of body, and 15" across the front of the body.

4.06 REAR STEP GUARD

Made of bright aluminum diamond plate shall extend from top of rear step to the bottom of rear doors, full width formed around corners, and 2.5" forward on each side.

4.07 FUEL FILL

Shall be on the streetside of the module, have a polished cast aluminum fill well and be properly vented. All fuel filler hoses shall be protected with a 0.125" aluminum protection plate. Fuel fill shall be installed in accordance with Body Builder's recommendation.

4.08X

MODULE WINDOWS

Shall have black anodized aluminum frames, rubber gaskets, and be attached with screws for ease of replacement. All module windows to be dark tinted. The side door window shall be 18.75" x 18.75" with sliding glass, a positive catch, and a screen. The rear door windows shall be 18.75" x 18.75" fixed glass to prevent exhaust from entering the module. Two 11.25" x 18.75" fixed glass windows shall also be mounted in the lower portion of the rear doors.

4.09A

FUEL SPLASH GUARD

Shall be made of stainless steel and shall be installed below the fuel fill.

4.17

ELECTRIC STEP

4.50

SCBA BRACKETS

Four *customer-supplied* Zico Model UH630-3-FS 45-minute MSA brackets shall be mounted in Compartment #2 (Section 8.02 related).

5 **MODULE INTERIOR**

All interior hangers, supports, fasteners, latches, and hinges shall be of a near flush type design when not in use. The patient compartment shall be free of sharp projections. Exposed edges and corners shall be broken with a radius, chamfer, or covered with aluminum trim, plastic molding, or rubber edging.

5.01 UPPER WALL COVERING

Shall be covered with light gray, heavy-grade, 0.125" ABS vinyl. All panels shall be attached with a closed cell polyethylene foam tape coated on both sides with a permanent acrylic-based pressure-sensitive adhesive.

5.02 HEADLINER

Shall be a durable fiber-reinforced panel, 0.09" thick, with a textured, non-porous white surface.

5.03 MODULE ACCESS OPENING BUMPERS

Head pads located over all module access openings and seat backs shall be 1" high-density foam covered with heavy-duty vinyl matching upholstery.

Seat cushions shall be 3" high-density foam covered with heavy-duty vinyl matching upholstery (Section 3.08 related).

5.04X LOWER WALL COVERING

The squad bench sides and lower portion of the streetside wall shall be nonporous, color-coordinated material. A polished stainless steel plate shall be installed on the wall above the flooring on the streetside, details to be determined at preconstruction meeting.

5.05X GRAB RAIL

One yellow powder-coated 75" long x 1.250" diameter stainless steel grab rail with three support brackets shall be securely mounted to roof structural framing running through the centerline.

5.06A ACCESS DOOR GRAB RAILS

Each module access door shall have a 1.250" L-style yellow powder-coated stainless steel grab handle which may also be used as entry assist rail.

5.07X IV HANGERS

Two Cast Products #IV 2001-I I.V. hooks shall be installed in the ceiling; one above the primary cot and one over squad bench (not shown in drawings).

5.08A COT MOUNT

A Ferno-Washington 175-3 single position cot fastener shall be installed. It shall be center mounted for a #93ES series cot and provide an aisle on both sides.

5.09A COT PLATES

Two bright-finish stainless steel 7" wide cot plates, which shall run from the rear door to the forward wheel position. The cot plates shall be attached with a polyurethane adhesive sealant system.

5.10X

ATTENDANT SEAT

A Wise #1615 rear-facing high-back bucket seat with a built-in child safety seat and upholstered with heavy grade vinyl shall be located at the head of the cot position and provide easy access to all action wall controls and receptacles, and to the patient. Seat shall swivel and be securely anchored on a pedestal base. Seat shall one red two-point seatbelt.

5.11

OXYGEN SYSTEM

The entire oxygen system to be assembled with certified Oxygen hose (1000 PSI burst strength) with brass fittings, pressure tested, and certified. Ohio-type outlets shall be installed in the following locations: one in Cabinet #3, one in ceiling above primary patient, and one in the curbside wall above the squad bench. A 50-PSI regulator and one OXYGEN tank wrench shall be included.

5.12

SUCTION PUMP

The unit shall have an electric pump as the source of suction. Control shall be on the attendant panel (Section 6.13X. Suction pump shall be vented to the outside of the vehicle under the module body.

5.13

SUCTION COLLECTOR

A Rico Model RS4X-1001B suction collector with disposable canister shall be installed in the Cabinet #3.

5.14X

SEATBELTS

Shall be DOT-certified and shall be installed with all passenger seating. Three RED sets shall be installed on the curbside squad bench and set up for use with sit-up or stretcher patients. The attendant seat shall have a single RED two-point seatbelt. The streetside squad bench shall have two RED two-point seatbelts.

5.16

INSULATION

The module side, ends, roof, doors, and floor shall be insulated to enhance the interior environment and to restrict heat, cold, and external noise from entering the module. The insulation shall be a non-settling foam plank material of 2", 1.5", or 0.75" thickness depending upon location and available space.

Roof, doors, wall, and floor insulation shall be polyisocyanurate.

A 3" wide, 60-mil, closed cell polyethylene foam tape shall be used as a thermal break on the inside surface of the roof and wall tubes.

5.17

MODULE CLIMATE CONTROL SYSTEM

Shall incorporate a combination heating/air conditioning unit with 36,000 BTU heating and 32,000 BTU cooling. The unit shall have a 580CFM fan and have controls independent of the cab system. The module system shall be controllable by a digital thermostat located on the action wall in Cabinet #3.

A 12VDC water pump shall be installed to increase the heating capacity and efficiency of the system.

5.18

EXTERNAL AIR INTAKE

To supplement heated or cooled air with fresh air, an external air intake shall be provided on the side of the module. The intake shall consist of an opening protected by an aluminum vent cover. The interior chamber of the intake shall be made of aluminum and formed to prevent the collection of moisture. Washable filter media shall be installed in the intake chamber.

- 5.19 AIR RETURN**
A return air path with open area equal to at least twice the blower outlet area shall be incorporated into the evaporator closeout.
- 5.20 EXHAUST VENT**
A motor-powered exhaust vent shall be located in the curbside rear corner of the module (not shown in drawings).
- 5.21 NO SMOKING/FASTEN SEATBELTS SIGNS**
Two NO SMOKING/FASTEN SEATBELT signs shall be installed - one each for driver's area and module.
- 5.23A WHITE MARKER BOARD**
Shall be installed on the wall on the right side of the pass-thru and at the aft end of the squad bench.
- 5.24A CLOCK**
An atomic-controlled clock shall be installed on the forward-facing wall aft of the curbside squad bench. The clock shall be LCD display and show hours (12/24 selectable), minutes, seconds, date, day, and temperature. Clock shall be powered by two AA alkaline batteries.
- 5.26X SHARPS/HAZARDOUS WASTE CONTAINERS**
One Sage #8503-1 2qt. biohazard waste/sharps container and a 7-qt. waste container shall be installed on the bench restraint bar at the end of the curbside squad bench.
A stainless steel bracket and a 13 quart waste container shall be installed on the inboard wall of the right front stack.
- 5.29A OXYGEN WINDOW**
Shall be a clear, 6" x 10", acrylic window. The window shall be mounted with self-closing hinges.
- 5.34D BENCH RESTRAINT**
Shall be provided and mounted on the forward end of the squad bench. The end bar shall be 1.25" satin stainless steel tubing with 3" radius bends. Bar shall be 15" across and 21" high and have welded stainless steel brackets to hold a 2 Qt. Sage #85031 biohazard waste/sharps container and a 5 Qt. Sage #8512-1 waste container. One each shall be provided. The bar shall be mounted in 1.25" satin finish stainless steel post bases, which are bolted to the bench in eight locations.

6**ELECTRICAL**

All added body and chassis electrical equipment shall be served by circuits separate and distinct from the vehicle chassis circuits. All vehicle wiring shall be copper and conform to all SAE J1128 requirements. The wiring shall be colored, numbered, and function coded every 3" for permanent identification and correspond with the vehicle schematics. Solderless, insulated connectors shall be used. Slotted Panduit wiring duct shall be used in power component module to ensure air circulation throughout power component wiring. The wiring shall be routed in conduit or looms and wiring shall be secured to the underbody or frame with insulated metal cable straps. All power distribution cabling shall be covered with a protective split loom. Where wiring passes over the exhaust, a heat shield shall be installed. The power component module shall be equipped with positive locking plugs to provide easy disconnect for remount or repair of body. All wiring devices, switches, receptacles, etc., except circuit breakers, shall be rated to carry 125% of the maximum ampere load for which the circuit is protected.

6.01X OVERLOAD PROTECTION DEVICES

Body electrical wiring shall utilize overload protective devices of the automatic reset, circuit breaker type. In addition, two single pole, 20-amp circuit breakers shall be provided for future use. The circuit breakers, relays, and other electrical items shall be located in the enclosed power component module.

6.04 IGNITION CONTROL

Chassis electrical circuits will be controlled by ignition switch as provided by the OEM chassis manufacturer. The auxiliary chassis related functions shall be powered by one 100-amp continuous duty solenoid (rear heater/air conditioner, siren, spotlight, etc.).

6.05X MODULE POWER

Shall be controlled by a 200-amp power (CDR-357) automatic disconnect switch that provides module power continuously when ignition is on and for fifteen minutes after ignition is turned off. Cycling the ignition switch or opening a module door resets the time and provides another fifteen minutes of module power.

6.06 WIRING ACCESS

All cabinets at ceiling level shall have removable backs which are screwed in place for access to harnesses. Stack cabinets shall have removable panels for wiring and hose access.

6.07 BACK-UP ALARM

Shall be installed and have a momentary disable switch in the driver's console. If disabled while in reverse, backup alarm shall automatically reset when shifted out of reverse.

6.08 SERVICE LOOP

A 6" service loop of wire or harness shall be provided at all electrical components, terminals, and connection points.

6.09

DRIVER'S CONSOLE

Installed between the seats and made of formed aluminum, with black powder coating. It shall have a switch panel with the following layout and a map holder with three dividers that are mill finished aluminum. One cup holder shall be included. A map light shall be installed in the upper right corner (Section 1.02.12 related).

SWITCHES

- | | |
|---------------------------------|-----------------|
| 1. Module Disconnect | 4. Blank |
| 2. Emergency Master (Sequencer) | 5. White Lights |
| 3. Back Up Disable | 6. Flasher |
| 4. Heated Mirror | 7. Opticom |
| | 8. Left Scene |
| | 9. Right Scene |
| | 10. Rear Scene |

OTHER:

- Siren
- Knox Box
- Two pockets for *customer-supplied-and-installed* portable radios
- Secure Idle indicator light
- Blue door open warning light
- Remote Knox warning light, side of console, driver's side

6.10

SWITCHES

Shall be lighted rocker-type and permanently marked by function.

6.11

MAP LIGHT

A map light with a 19" flexible neck shall be mounted in the console area.

6.12X

DOOR AJAR WARNING LIGHT

A blue flashing warning light on driver's console shall be provided to warn driver of open passenger access doors or open exterior compartment doors. In addition, a Whelen blue Super LED #3SB00FBR shall be mounted in the forward section of the cab ceiling and operate as a door open warning light. The light shall come on when the vehicle is placed in gear when a door is open.

6.13X

ATTENDANT CONTROL PANEL

Shall be located in the Cabinet #3. Panel shall include one row of switches, as follows:

1. Dome Hi/Off/Lo (C/S)
2. Dome Hi/Off/Lo (S/S)
3. Aspirator
4. Vent
5. Attendant Light (S/S)
6. Blank

A separate inverter control panel and digital thermostat shall be located adjacent to the attendant control panel.

A two-switch panel shall be installed near the oxygen outlet on the curbside wall (not shown in drawings), with following switch layout:

1. Timer (momentary)
2. Attendant Light (C/S)

- 6.14X CABINET LIGHTING**
The walls of Cabinets #3, 4 and 8 shall be lighted utilizing LED strip lights with ON/OFF controls in the attendant panel and two-switch panel (Section 6.13X related).
- 6.15 STEP LIGHTS**
The side access doorstep well shall have a light installed.
- 6.16X MODULE INTERIOR LIGHTING**
Shall be designed to keep vehicle height to a minimum without interfering with the structural integrity of the roof. Module interior lighting shall consist of seven dual intensity Whelen #80C0EHCR LED recessed lights - one bank of four lights shall be positioned toward streetside and three lights toward curbside.
The three lights on the curbside shall be automatically activated when the rear or side doors are opened.
There shall be a switch for each bank of lights on the action wall for Hi/Off/Lo
A momentary rocker switch shall be installed in the two-switch panel adjacent to the curbside passage door. The switch shall be wired to an InPower module located in the electrical cabinet, and shall be wired to continuous battery power. The switch shall activate the curbside dome lights for five minutes, and the timer shall be deactivated immediately by pressing the switch twice.
- 6.17X BASIC EXTERIOR LIGHTING**
Shall include headlights, parking lights, directional signal lights, tail and stop lights, license plate light, back-up lights, side marker lights, hazard and warning lights, and clearance lights as required by FMVSS 108.
Clearance and side marker lights to be Optronics MCL series, MCL12AB Amber front, MCL12RB Red Rear and two using mounting grommet A14GB on the sides at rear.
Stop lights to be Whelen LED #60BTT Red Lens Red brake lights.
Turn lights to be Whelen LED #60A00TAR Amber Lens Amber turn arrows.
Back up lights to be Whelen #60C00VCR clear lamps. Install with chrome flanges.
A high mount brake light above rear doors to be Whelen #M7RC Clear Lens Red Super-LED flasher.
- 6.18X COMMUNICATIONS EQUIPMENT**
- | | | |
|----------------|--------------|---|
| Item #1 | Description: | Power wires for two <i>customer-supplied-and-installed</i> portable radios |
| | Location: | Driver's console |
| Item #2 | Description: | Two 20 amp circuits for <i>customer-supplied-and-installed</i> MDT and docking station, wired battery hot |
| | Location: | Driver's console |
- 6.19X ANTENNA MOUNTS AND CABLES**
Two NMO universal antenna mounts with KHFD cables and Larsen HyPer master universal connectors and mini-UHF adapters shall be installed on the module. Antenna base access shall be through the dome light openings, and the cables shall terminate behind the passenger (officer's) seat.
- 6.20 BLOCK HEATER**
A block heater, with On/Off switch in 120VAC power box, shall be wired to the 120VAC shorepower system and shall be circuit protected (Section 1.01.02 related).

6.21X

120VAC/SHORELINE CIRCUIT BOX

Utility power shall be furnished from 120VAC shorepower via a Kussmaul 20 amp Super Auto-Eject plug with a green indicator light on a stainless steel plate located on the driver's side of vehicle and distributed via a formed 0.125" aluminum power box recessed into the streetside front compartment. A Kussmaul Model #091-189-12 battery indicator shall be installed above the shoreline receptacle.

Power box shall be flush-mounted so as to maximize compartment size and shall have an easily removable cover.

The box shall contain three 120VAC duplex receptacles and one 120VAC duplex GFCI receptacle for power distribution.

Toggle-style circuit breakers shall be installed for overcurrent protection and circuit isolation:

- 1. Block heater (15 Amp)
- 2. Inverter (15 amp)

All exposed receptacles outside of the power box shall be ground-fault-circuit-interrupting (GFCI) and shall have a power on indicating light.

Four interior 120VAC duplex GFCI receptacles shall be mounted:

- 1. One Cabinet #3
- 2. One Chassis behind passenger's seat
- 3. Two Cabinet #11

Two weatherproof 120VAC GFCI receptacles shall be installed in the exterior rear corners of the vehicle.

6.22

BATTERY GROUNDS

In addition to OEM grounds, the following ground circuits shall be added: 4 ga. ground cable from module power component panel to frame, two braided ground straps from the module body to the chassis to reduce RF interference.

6.23X

BATTERY CHARGER

A 125-amp battery charger shall be provided as part of Magnum Energy Pure Sine MS2812, 2800 watt inverter system. Set up for 5 amp power sharing (Section 6.31X related).

6.24

BATTERY MODIFICATIONS

The two OEM batteries shall be removed, and returned to the customer (Section 8.01 related). Three Deka model #9A34M batteries shall be located in curbside front exterior compartment. The batteries shall be interconnected to provide maximum cold cranking amps and reserve capacity at all times. Battery primary cables to be 2/0 AWG size (Section 2.08 related). The batteries shall be installed with the positive cable off one end of the battery pack and the negative cable off the opposite end.

6.25X

12VDC RECEPTACLES

Three 12VDC, 20-amp cigar type receptacles shall be provided and installed:

- One in the Cabinet #3
- Two stacked in Cabinet #11.

Two Blue Sea dual cigar-type USB charging ports shall be installed:

- One cigar-type with cover in Cabinet #3
- One driver's console

6.26 **COMPARTMENT LIGHTING**
An LED strip light shall be installed in all outside compartments and shall be activated by a door switch.

6.27 **EXTERIOR DOOR SWITCHES**
Shall be 1/2" door switches.

6.30 **EMERGENCY WARNING SYSTEMS**

6.30.01X **FRONT FLASHERS**
Five Whelen M9 flashers shall be installed on the front of the module just below the drip rail. Lights shall be Whelen clear lens M9 LED flashers with the following pattern:

Curbside	Clear Lens Red LED #M9RC
	Clear Lens Clear LED #M9C
Center	Clear Lens Red LED #M9RC
	Clear Lens Clear LED #M9C
Streetside	Clear Lens Red LED #M9RC

6.30.02X **REAR FLASHERS**
Four Whelen M7 flashers shall be installed on the rear of the module just below the drip rail. Lights shall be installed with the following pattern:

Curbside	Clear Lens Red LED #M7RC
	Clear Lens Amber LED #M7AC
Center	Brake Light #M7RC
	Clear Lens Amber LED #M7AC
Streetside	Clear Lens Red LED #M7RC

Two Whelen Clear Lens Amber LED #M7AC LED flashers shall be installed on the rear of the vehicle at window height.

6.30.03X **FLASHERS**
Four Whelen #M9RC Clear Lens Red LED flashers shall be installed on the module sides in upper corners.

6.30.04X **SCENELIGHTS**
Four Whelen #M9ZC scenelights shall be installed - two on each side of the module in upper corners. The curbside lights shall illuminate when the curbside door are opened. The scenelights shall be flush mounted and have internal optics to deflect the light down at 8-32 degree angles. Scenelights shall be activated by the Left Scene and Right Scene switches in the driver's console.
Two Whelen #M7ZC scenelights shall be installed on the rear on the rear of the module above the rear doors. The rear scenelights shall be activated by the rear passage doors, the REAR SCENE switch on the driver's console, or when the vehicle is placed in reverse.

6.30.05A **SPOTLIGHT**
Shall be a GoLight #20214 roof-mounted LED spotlight with black housing (drawings show white), installed in the center of the cab roof. A hard-wired controller shall be mounted on the dash.

- 6.30.06 INTERSECTION LIGHTS**
Four Whelen M7D red LED flashers shall be installed, one on each side of module above the wheel wells and, one on each chassis fender.
Intersection lights shall be controlled by FLASHER switch on driver's console.
- 6.30.08 GRILLE LIGHTS**
Two Whelen M7D red and two Whelen M7D white LED split flashers shall be installed on the grille (different than shown in drawings).
Grille lights shall be controlled by FLASHER switch on driver's console.
- 6.30.09 SIREN**
Shall be a Whelen 295SLSA1, 200 watt. Siren options to include radio, horn, manual, wail, yelp, and phaser. The hands-free siren function shall be wired to the vehicle horn ring.
- 6.30.10X SIREN SPEAKERS**
Shall be Federal Signal BP series thru-bumper with two 100-watt speaker drivers.
- 6.30.11 SEQUENTIAL SWITCHING SYSTEM**
A Kussmaul sequential switching system shall be installed to control emergency lighting.
- 6.31X INVERTER**
Shall be a Magnum Energy Pure Sine MS2812, 2800-watt inverter with a 125-amp battery charger installed in Compartment #1. A remote inverter control panel shall be installed adjacent to the attendant console in Cabinet #3. The inverter shall be configured to turn on and off with ignition.
- 6.40X ELECTRIC DOOR LOCKS**
Shall be installed on all compartment and module access doors. The module door locks shall be wired to the cab doors. Two exterior hidden switches shall be installed, one in right side of the grille and one behind the license plate. The locks shall also be controlled remotely with Key Fob type controllers.
- 6.45X ADDITIONAL LIGHTING**
Two Streamlight Fire Vulcan LED portable spotlights shall be provided and hard wired in Compartment #2.
- 6.46 BACK-UP CAMERA**
A Rostra #250-8273 back-up camera system shall be installed, including a surface-mounted camera and a rear-view mirror/monitor with a 7.3" screen. Camera shall automatically display on monitor when the vehicle is placed in reverse.

7

SUPPORTING DOCUMENTATION

7.01

OWNERS MANUAL

Shall be provided with vehicle and consists of the following items:

1. Chassis owner information packet.
2. Extra set of keys.
3. Lifetime module warranty.
4. Factory warranty on Chassis.
5. 7 Year/75,000 mile limited electrical warranty.
6. 2 Year/30,000 mile Conversion Warranty.
7. 5 Year Paint Warranty.
8. Module remount engineering checklist.
9. Climate control information and warranty.
10. Main schematic.
11. Electrical equipment amperage ratings.
12. Wire coding list.
13. Schematics for standard system: (As Built)
 - Driver switch console
 - Attendant switch console
 - Climate control system
 - Dual battery system
 - Module harness routing
 - Interior and exterior lights
14. Operations manual
15. Schematics for individual options.
16. Warranty and parts list for light bar, etc.

8

MISCELLANEOUS EQUIPMENT

8.01

LOOSE EQUIPMENT

The following equipment shall be shipped loose with the vehicle:

1. Touch-up paint
2. Two OEM batteries
3. One spare tire and wheel

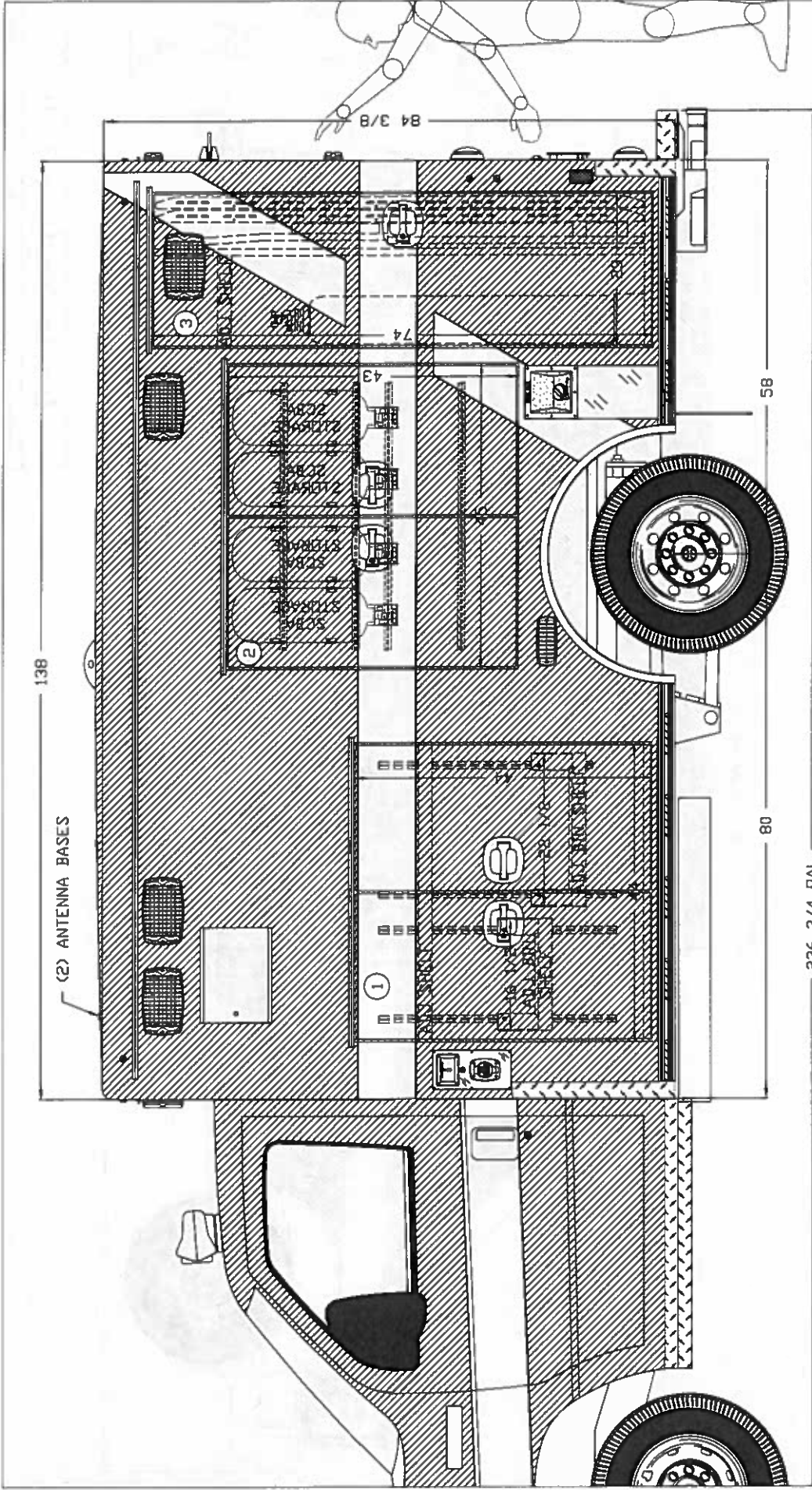
8.02

CUSTOMER SUPPLIED EQUIPMENT

The customer shall provide the following equipment and have delivered to Braun Northwest:

1. Four Zico MSA 45 minute SCBA brackets

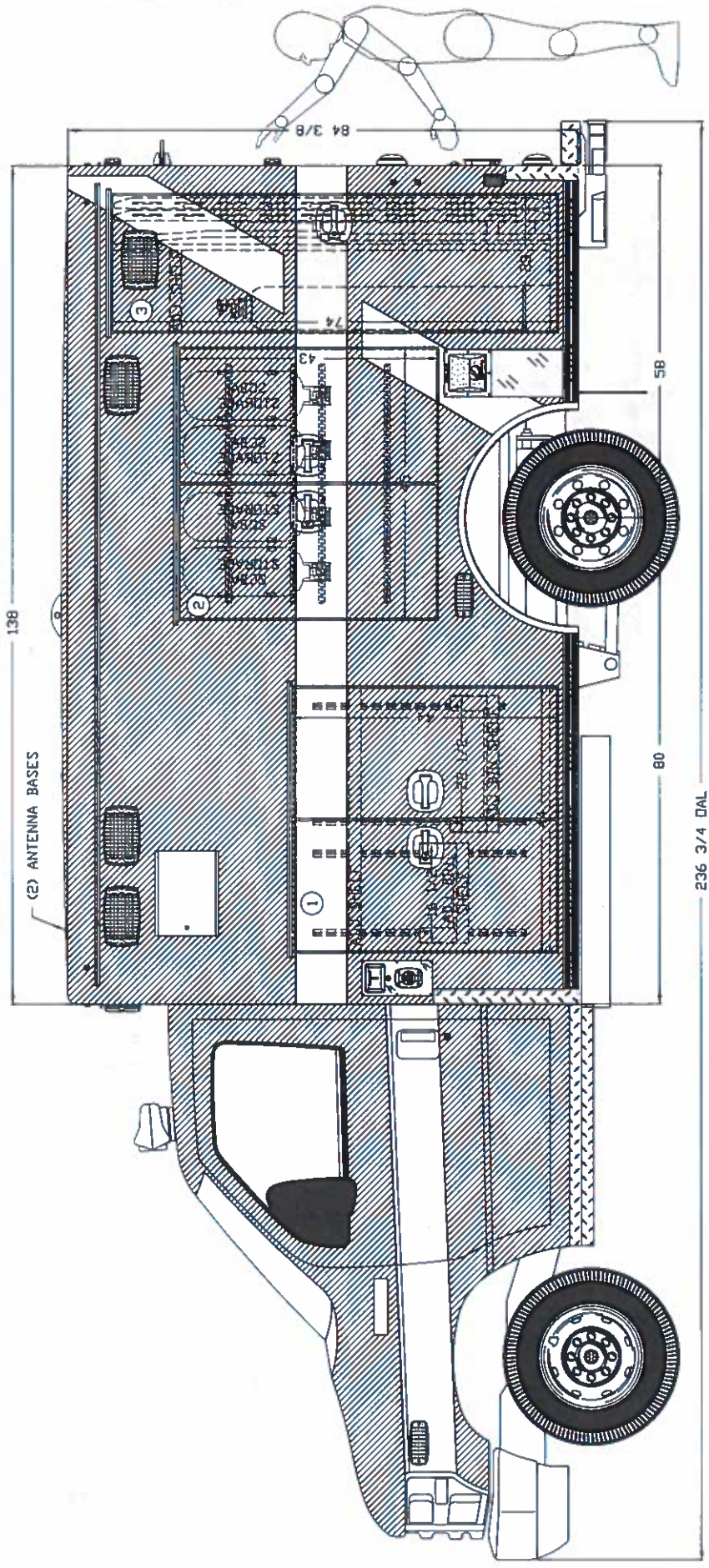
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Braun Northwest, Inc.

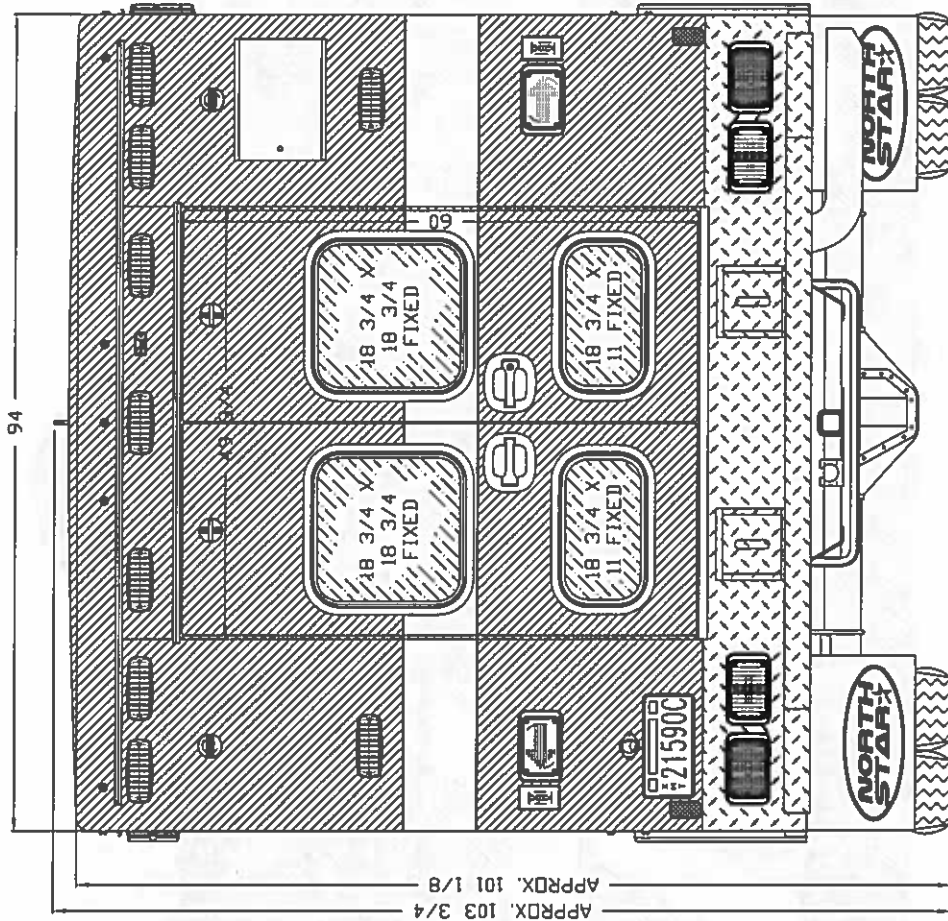
Department	SALES	Rev
Dwg. Name	MERCER_ISLAND_F.Dia	
Client	MERCER ISLAND F.D.	
Date	11/07/2016	Drawing By
		R.L.B.

TITLE: EXTERIOR S/S VIEW



Braun Northwest, Inc.		Department	SALES	Rev
		Dwg. Name	MERCER_ISLAND_FDIA	
		Client	MERCER ISLAND F.D.	
Date	11/07/2016	Drawing By	R.L.B.	

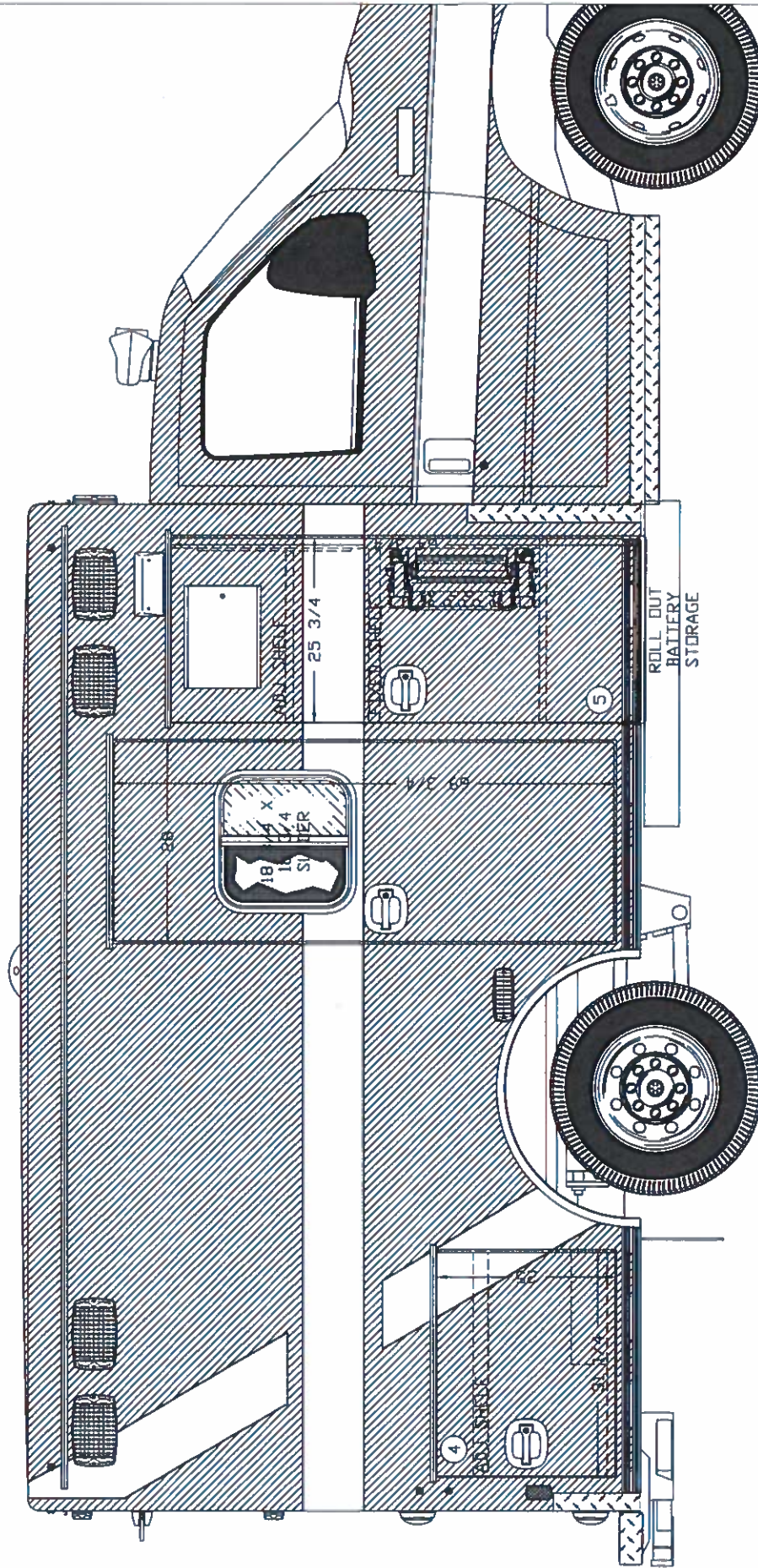
TITLE: EXTERIOR S/S VIEW



Braun Northwest, Inc.

Department	SALES	Rev
Dwg. Name	MERCER_ISLAND_FD2a	
Client	MERCER ISLAND F.D.	
Date	11/07/2016	Drawing By
		R.L.B.

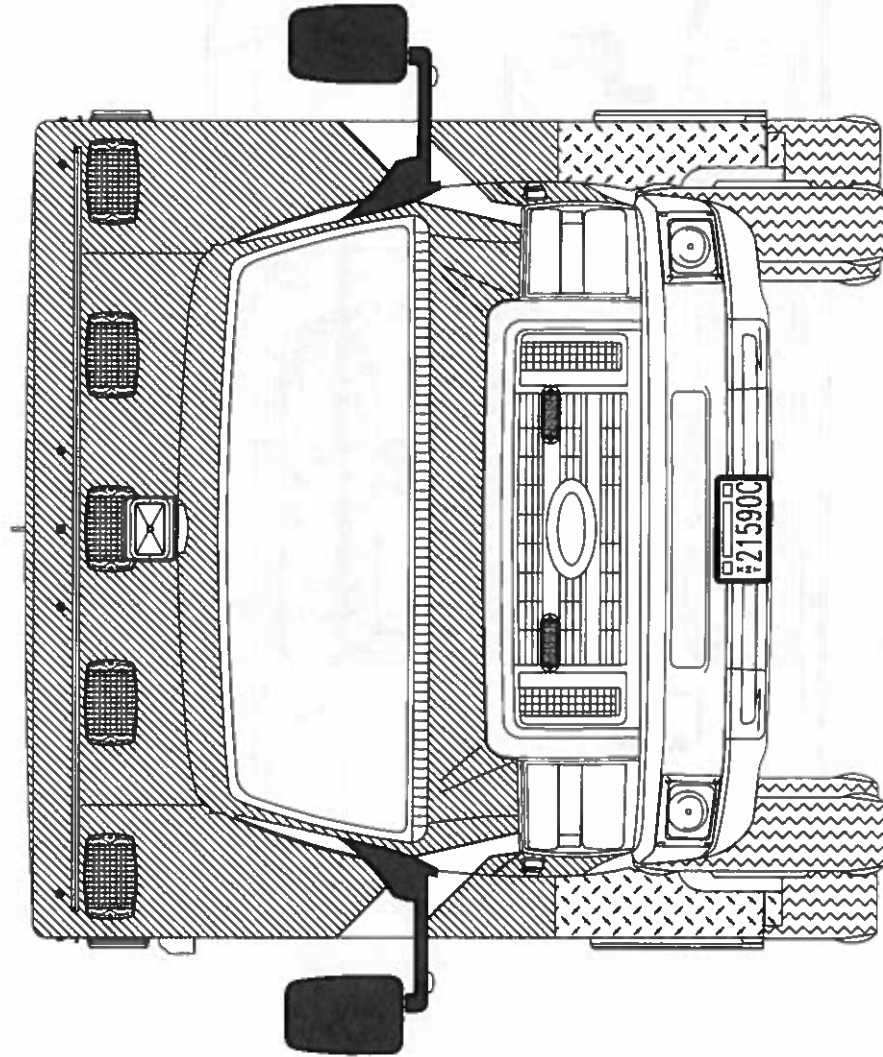
TITLE: EXTERIOR REAR VIEW



Braun Northwest, Inc.

Department	SALES	Rev
Dwg. Name	MERCER_ISLAND_FB3a	
Client	MERCER ISLAND F.D.	
Date	11/07/2016	Drawing By R.L.B.

TITLE: EXTERIOR C/S VIEW

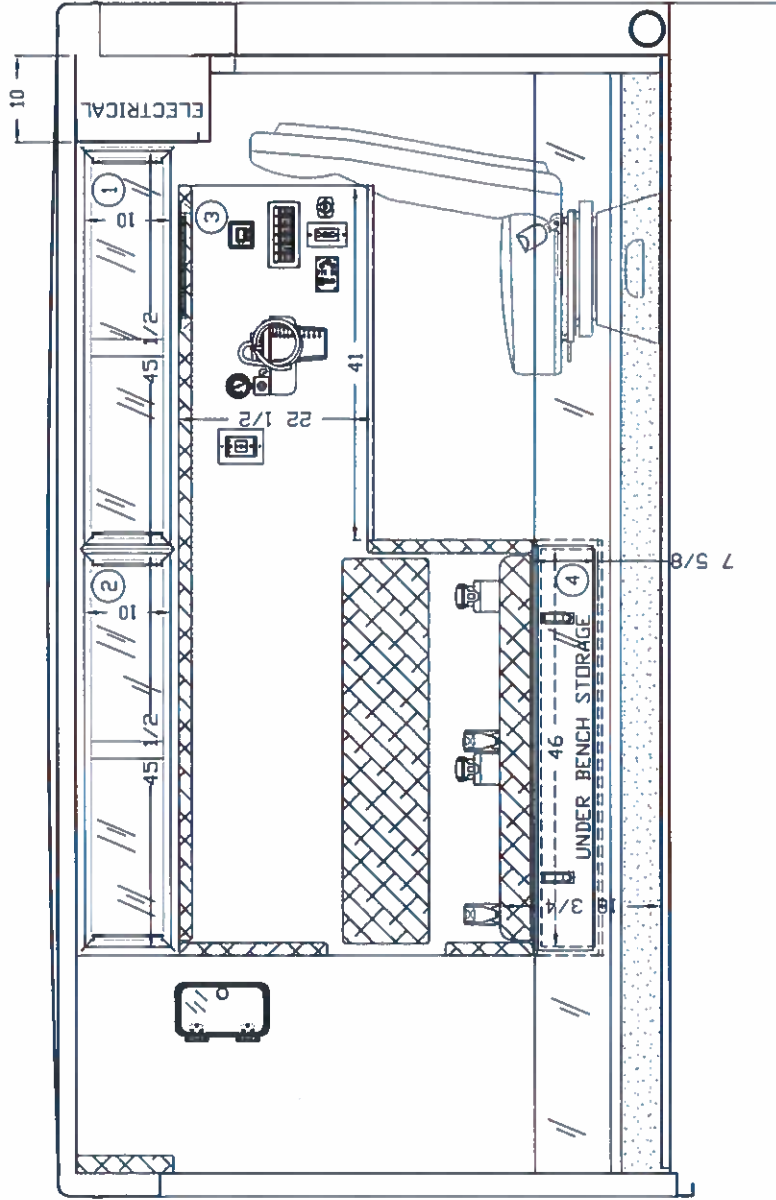


Braun Northwest, Inc.

Department	SALES	Rev
Dwg. Name	MERCER_ISLAND_FD4a	
Client	MERCER ISLAND F.D.	
Date	11/07/2016	Drawing By R.L.B.

TITLE:

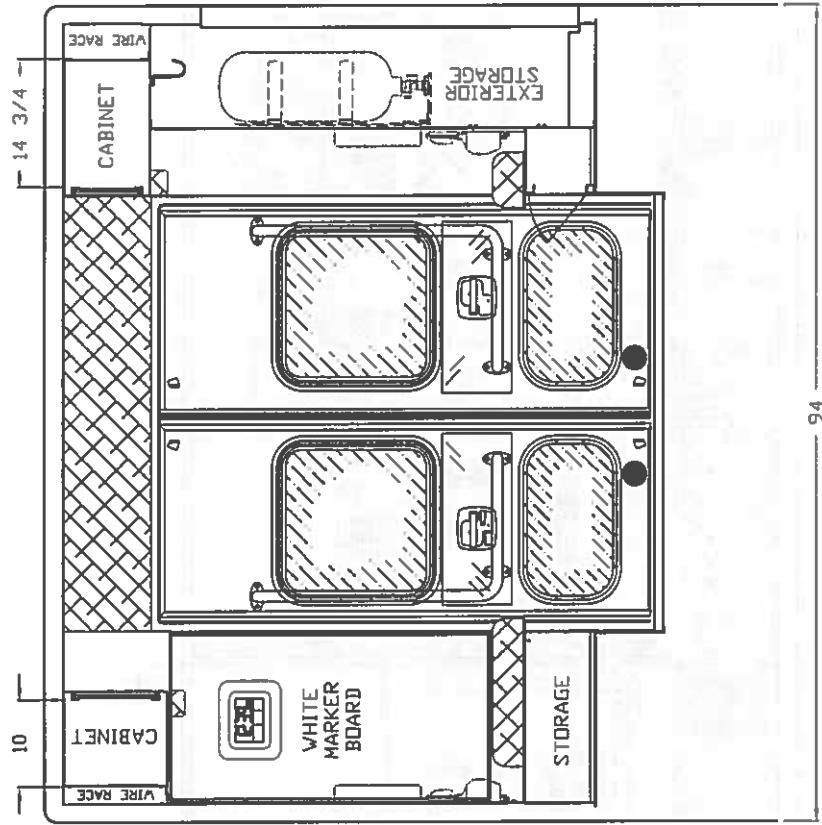
EXTERIOR FRONT VIEW



Braun Northwest, Inc.

Department	SALES	Rev
Dwg. Name	MERCER_ISLAND_FD5a	
Client	MERCER ISLAND F.D.	
Date	11/07/2016	Drawing By R.L.B.

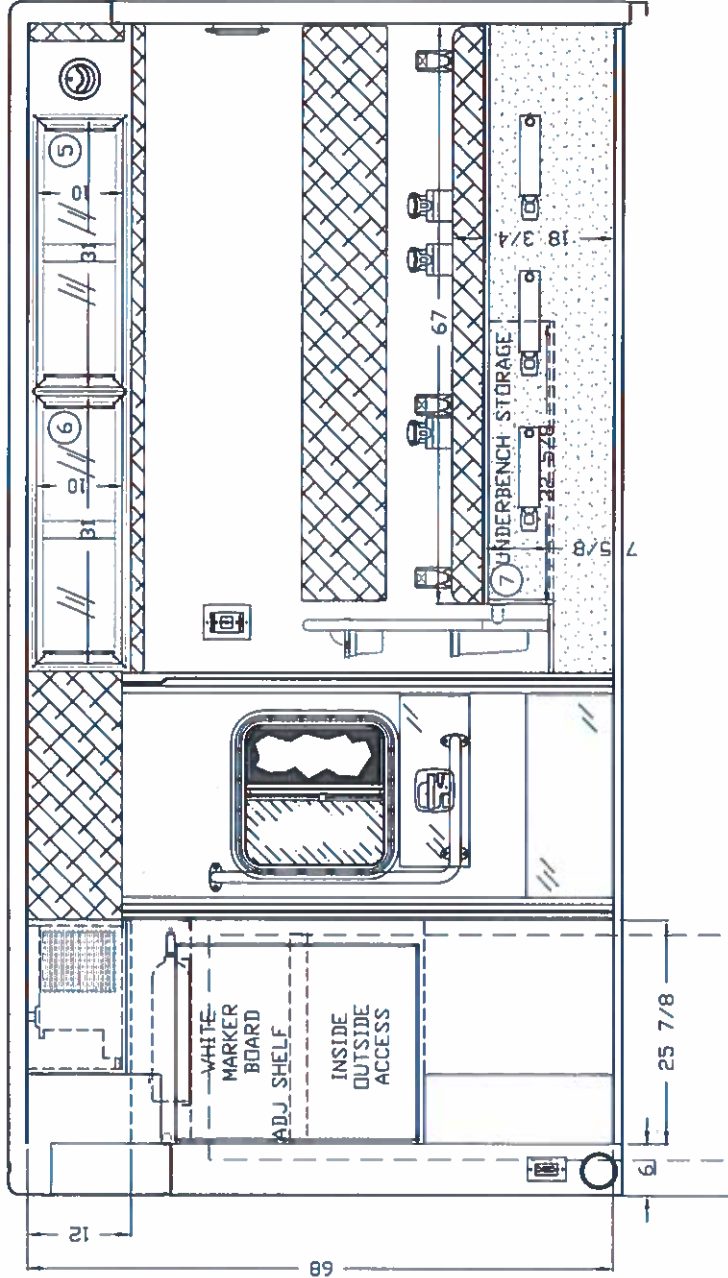
TITLE: INTERIOR S/S VIEW



Braun Northwest, Inc.

Department	SALES	Rev
Dwg. Name	MERCER_ISLAND_FD6a	
Client	MERCER ISLAND F.D.	
Date	11/07/2016	Drawing By
		R.L.B.

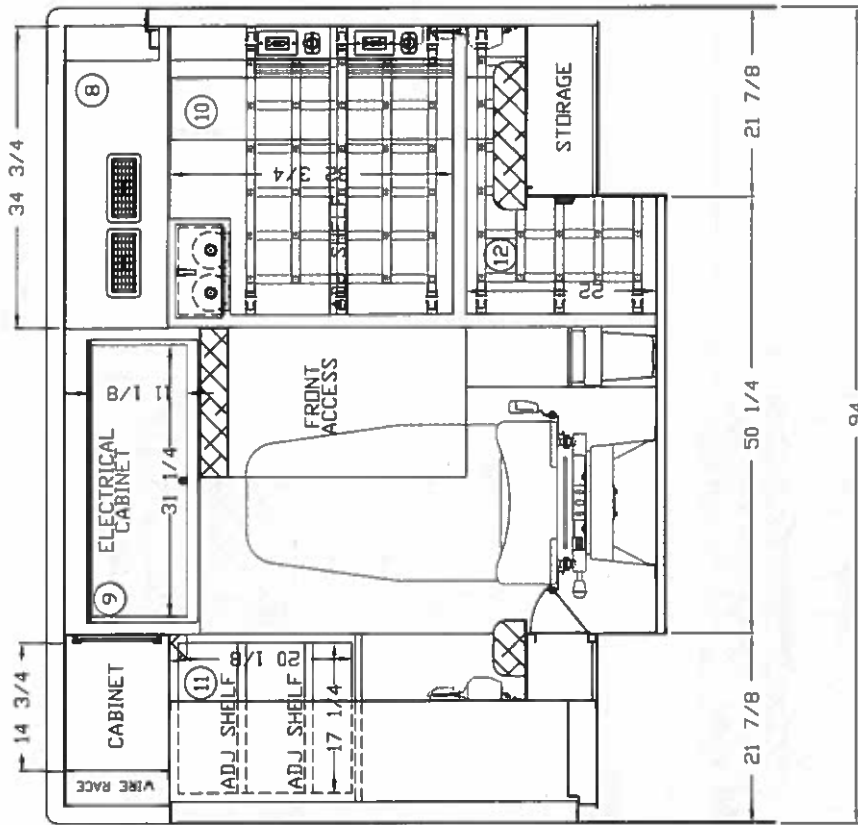
TITLE: INTERIOR REAR VIEW



Braun Northwest, Inc.

Department	SALES	Rev
Dwg. Name	MERCER_ISLAND_FD7a	
Client	MERCER ISLAND F.D.	
Date	11/07/2016	Drawing By R.L.B.

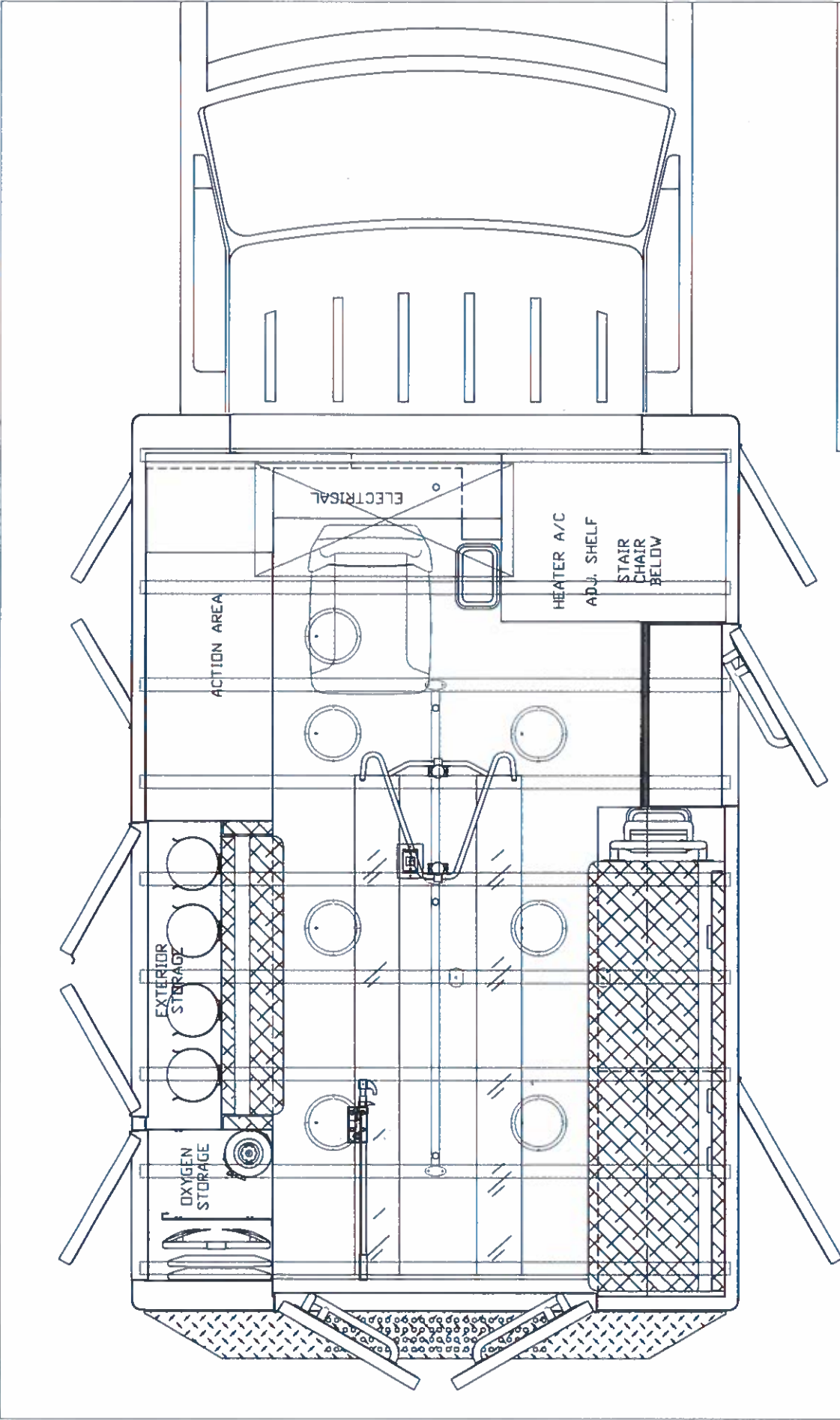
TITLE: INTERIOR C/S VIEW



Braun Northwest, Inc.

Department	SALES	Rev
Dwg. Name	MERCER_ISLAND_FDB0a	
Client	MERCER ISLAND F.D.	
Date	11/07/2016	Drawing By R.L.B.

TITLE: INTERIOR REAR VIEW



Braun Northwest, Inc.		Department	SALES	Rev
		Dwg. Name	MERCER_ISLAND_FD9a	
		Client	MERCER ISLAND F.D.	
		Date	11/07/2016	Drawing By
				R.L.B.

TITLE: PLAN VIEW

INTERLOCAL COOPERATIVE PURCHASING AGREEMENT

Agency: Bainbridge Island Fire Dept. Bid# ITB for "2016 Medic Unit (Ford E450) Date: 4/8/2016

P.O. #: Signed Proposal 4/15/16 Effective Until: 4/8/2019

Pursuant to Chapter 39.34 RCW and to other provisions of law, Bainbridge Island Fire Dept., hereinafter referred to as the "SPONSOR" and Mercer Island Fire Department, hereinafter referred to as the "USER", both being municipal corporations, political subdivisions or other public agencies of the State of Washington, hereby agree to cooperative interlocal purchasing with the following terms and conditions:

Upon the following terms and conditions:

1. The SPONSOR, in contracting for the purchase of the above goods, agrees to extend said supply contract to other political subdivisions to the extent permitted by law, and agreed upon by the parties.
2. The USER accepts responsibility for compliance with any additional or varying laws and regulations governing purchases by or on behalf of the political subdivision in question.
3. The SPONSOR accepts no responsibility for the performance of any purchasing contract by the vendor and accepts no responsibility for payment of the purchase price by the USER.
4. The USER reserves the right to contact independently for the purchase of any goods.
5. This agreement shall remain in effect for three (3) years from the date of execution by both parties.

SPONSER AGENCY:

Entity Name

Address

_____/_____/_____
City St Zip

_____/_____
Phone Fax

Signature Date

Printed Name Title

USER AGENCY:

Mercer Island Fire Dept.
Entity Name

3030 78th Ave SE
Address

Mercer Island WA 98040
City St Zip

206-275-7607 / 206-275-7970
Phone Fax

Pam Bissonnette 11/22/16
Signature Date

Pam Bissonnette City Manager
Printed Name Title

RECEIVED
 7/15/16
 COPY TO
 Jack
 Linda
 Gita
 Kama
 Shuly
 Jerry
 Dumb
 Fumb
 John
 Fami
 Annie
 Spring
 Kandel
 Yellow
 Sherry
 Troy

BRAUN NORTHWEST inc.

2382-?

100 North Star Drive / PO Box 1204 / Chehalis, WA 98532 / 360.748.0195 / 800.245.6303 / fax 360.748.0258

BID PROPOSAL

APRIL 5, 2016

BAINBRIDGE ISLAND FIRE DEPARTMENT
 ATTN: BOARD OF COMMISSIONERS
 8895 MADISON AVENUE NE
 BAINBRIDGE ISLAND, WA 98110

RE: ITB FOR "2016 MEDIC UNIT"

BRAUN NORTHWEST IS PLEASED TO OFFER THE FOLLOWING PROPOSAL:

ONE (1) 2016 NORTH STAR 167-3 AMBULANCE ON A 2017 FORD E450 AMBULANCE PREP CHASSIS PER ENCLOSED SPECIFICATIONS DATED 3/21/16 AND DRAWINGS DATED 3/21/16.

TOTAL AMOUNT F.O.B. BAINBRIDGE ISLAND, WA \$160,942.00
 Sales tax not included

BID DUE: APRIL 8, 2016 AT 4:30 PM

F.O.B.: BAINBRIDGE ISLAND, WASHINGTON

DELIVERY: APPROXIMATELY 240 DAYS ARO.

TERMS: NET THIRTY (30) DAYS.

Braun Northwest, Inc. is a Washington dealer (0991-A) with insurance information available upon request.

Since the 2016 model year is closed, the chassis price is based on the estimated 2017 model year prices.

This bid shall remain open to additional purchases (Interlocal, Tag-On, Piggy Back) by this or other agencies for a period of three (3) years, with periodic cost adjustments based on actual manufacturer's price increases.

(Note: This bid is contingent on use of customer's Government Ford Fleet Identification Number.) Failure to secure a FIN will increase the price by the amount of the GPC chassis discount.

Respectfully Submitted by
 BRAUN NORTHWEST, INC


 Tim McCallum, Sales Manager

Date: 4/5/16

We agree to accept the above proposal:
 BAINBRIDGE ISLAND FIRE DEPARTMENT

 April 15, 2016
 Signature Date

Hank Jean Fire Chief
 Printed Name Title

TM/sel
 cc: JW

Enclosures: Clarifications/exceptions, specifications, drawings, bid packet, and supporting documents



EMERGENCY VEHICLES

www.braunnw.com

Susan Layman

From: Tami McCallum
Sent: Friday, April 15, 2016 8:08 AM
To: Susan Layman; Randall Rhead
Subject: FW: Accepted Medic Unit Bid
Attachments: Scanned from a Xerox multifunction device.pdf

From: Edmund G. Kaufman II [mailto:ekaufman@blfd.org]
Sent: Friday, April 15, 2016 8:05 AM
To: Tami McCallum
Cc: Jared Moravec
Subject: Accepted Medic Unit Bid

Hi Tami,

Last night, the Bainbridge Island Fire Department Board of Commissioners accepted your Braun NW bid for "2016 Medic Unit". Attached, please find a copy of the signed Bid Proposal. Let me know if you need the original, hard copy mailed to you. Thanks,

Ed Kaufman
Finance Manager
Bainbridge Island Fire Department
8895 Madison Ave NE
Bainbridge Island, WA 98110
(206) 451-2037

Clarifications/Exceptions
ITB "2016 MEDIC UNIT"
Bainbridge Island Fire Department
Bainbridge Island, WA

Page	Section	Comments
2	7	A bid bond of 5% will be furnished as specified in this section, rather than a 10% bond referred to in paragraph 0.24 on page 5.
8	1.1	Since the 2016 Ford E-series model year is closed, a 2017 E-450 will be furnished.
8	1.1.2	The Ford E-series chassis equipped with the 6.8L V10 engine comes with a six speed automatic transmission, rather than the five speed unit on those vehicles with the smaller V8 engine.
10	1.1.9	The standard chassis mirrors are not heated. Therefore, the upper portion of the OEM will be replaced with heated mirrors as covered in paragraph 1.02.02 of our specification.
10	1.1.10	While the specified chassis is available from Ford only with cloth covered seats, they will be re-upholstered in vinyl as noted in paragraph 1.02.15 of our specification. Reference 3/18/16 email.
10	1.1.11	The standard Ford red color is now Race Red, code PQ; as noted in paragraph 3.04 of our specification, the module will be painted Race Red to match the chassis color. Reference 3/18/16 email.
13	2.2	The module and vehicle height is larger than originally specified, i.e. 113.75" overall height and 92.375" module height. Door height is also larger on the entry doors and some compartments. Reference 3/24/16 email.

INVESTMENT:

Year 2016 Make North Star Model 167-3 Price \$160,942.00
Total 160,942.00

Payment Terms: The above vehicle price shall be based upon a 90% payment being made upon receipt of vehicle with the balance due in 30 days.

Drive out allowance included in above price Yes N/A

Pre-Build/ Inspection visit allowance
(One (1) Person for Pre-Build; two (2) People for Final Inspection) Included N/A

100% Performance Bond -- If required ADD Included N/A

The price quoted above shall remain firm until 30 days

Delivery: Calendar days after receipt of order 240 days

Bidder Braun Northwest, Inc.

Signed  Tami McCallum, Sales Manager

Address 150 North Star Drive, Chehalis, WA 98532

Phone 800-245-6303

Motor Vehicle Dealer License: State WA # 0991-A

This bid shall remain open to additional purchases (Interlocal, Tag-On, Piggy Back) by this or other agencies for a period of three (3) years, with periodic cost adjustments based on actual manufacturer's price increases.

Susan Layman

From: Tami McCallum
Sent: Sunday, March 06, 2016 11:30 AM
To: Randall Rhead; Susan Layman
Subject: FW: BIFD Seeking Bids for New Medic Unit
Attachments: 2016 BIFD Medic Unit Bid FINAL Specs 3-4-16.pdf

Importance: High

From: Jared Moravec [jmoravec@bifd.org]
Sent: Friday, March 04, 2016 9:23 AM
To: Tami McCallum; Lori@sawtoothemev.com; info@hortonambulance.com; Sales; sales@truenorthemergency.com; dseltsinger@lifelineambulance.com; sjacobson@lifelineambulance.com
Cc: Jared Moravec; Edmund G. Kaufman II; Jeremiah Ballou
Subject: BIFD Seeking Bids for New Medic Unit

To Whom It May Concern:

The Bainbridge Island Fire Department is seeking bids for construction of a new medic unit. Instructions to potential bidders as well as specifications are attached. This document is also available on our website at www.bifd.org.

Thank you and we hope you are interested in bidding.

Jared W. Moravec, Assistant Chief/Operations
Bainbridge Island Fire Department
8895 Madison Avenue NE
Bainbridge Island, WA 98110
(206) 451-2034 – Office Direct
(206) 842-7695 – Fax
jmoravec@bifd.org
www.bifd.org

Bainbridge Island Fire Department
(206) 842-7686

Bainbridge Island Fire Department

ADVERTISEMENT FOR BIDS

Notice is hereby given that sealed bids will be received by the Bainbridge Island Fire Department, at 8895 Madison Avenue NE, Bainbridge Island, WA until April 8, 2016 at 4:30 PM, for one (1) Medic Unit. At closing, all bids will be opened and publicly read at the above location. All sealed bids shall be marked on the outside of the envelope as "2016 MEDIC UNIT BID."

Bid information and specifications may be obtained from www.bifd.org, or requested by mail at: Bainbridge Island Fire Department, 8895 Madison Avenue NE, Bainbridge Island, WA 98110, or by calling (206) 451-2037.

The Fire Commissioners of the Bainbridge Island Fire Department reserve the right to reject any or all bids, waive irregularities or technicalities in a bid or in the bidding process, or accept any bid that the Fire Commissioners deem is in the best interest of the Bainbridge Island Fire Department, whether or not it is the lowest bid.

8895 Madison Avenue NE, Bainbridge Island, Washington 98110

Bainbridge Island Fire Department
(206) 842-7686

INSTRUCTIONS TO BIDDERS

Bainbridge Island Fire Department is the entity issuing this invitation for bids. The Department is a municipal corporation and a political subdivision of the State of Washington.

The Department's station address and mailing address is:

Bainbridge Island Fire Department
8895 Madison Avenue NE
Bainbridge Island, Washington 98110

For further information, contact the Department at 206-451-2037 between the hours of 8:00am and 5:00pm on all regular business days.

1. **Definitions** The following terms shall have the meaning set forth below when used in this instrument:
 - 1.1. **Bidder.** Any person or entity that submits a qualified bid in response to the invitation for bids by the Department.
 - 1.2. **Qualified Bid.** Any bid submitted to the Department in response to the invitation for bids issued by the Department that complies with the bid requirements.
 - 1.3. **Department.** Bainbridge Island Fire Department
 - 1.4. **Supplier.** The bidder who is awarded the contract to supply the equipment or apparatus described in the bid specifications issued by the Department, whether referred to as successful bidder, contractor, or manufacturer in subsequent documents.
 - 1.5. **Acceptance.** The term acceptance shall mean that time at which the Department indicates that the apparatus, as received, substantially complies with the specifications.
 - 1.6. **Possession.** The term possession shall mean physical custody only.
2. **Invitation for Bids:** Bainbridge Island Fire Department will accept bid proposals for the purchase of a Medic Unit as follows:
 - 2.1. **Time.** Bid proposals must be received by the Department on or before 4:30 p.m. on April 8, 2016.

- 2.2. **Place.** Bid proposals may be mailed to the Department mailing address or delivered to the Department station.
- 2.3. **Bid Opening.** Bids will be opened 4:30 p.m. on April 8, 2016 at the Department station.
- 2.4. **Board Action.** The Board of Commissioners will review the bid proposals submitted at an open public meeting on April 14, 2016 at the Department station, and may take formal action at that time or at a subsequent meeting.
3. **Acceptance - Rejection of Bids.** The Department reserves the right to reject any or all bids, to waive minor irregularities in any bids or in the bidding procedure, and to accept any bid presented which meets or exceeds these specifications and which the Board of Commissioners of the Department deems to be in the best interest of the Department. The Board of Commissioners reserves the right to accept the bid from the lowest responsible bidder taking into consideration the interests of the Department and participating agencies as a whole. This may or may not be the bid with the low bid price.
4. **Instruction to Bidders and Specifications.** The instructions to bidders and specifications may be obtained by contacting the Department between the hours of 8:00 a.m. and 5:00 p.m. on all regular business days or from the Department's webpage at BIFD.org. Any questions regarding this specification must be submitted in writing and be received by the Department Representative a minimum of five (5) business days prior to the bid opening date. Clarifications, corrections and/or changes shall be sent out in writing via fax to all prospective bidders.
5. **Bid Marking.** All bids must be submitted in sealed envelopes and must be clearly marked on the outside of the envelope "2016 MEDIC UNIT BID."
6. **Bid Submission.** A bidder may, without prejudice to the bidder, withdraw, modify, or correct a proposal after it has been deposited with the Department, provided the request is filed with the Department, in writing before the time set for opening the bid proposals. The original proposal, as modified by such writing, shall be considered as a proposal submitted by the bidder.
7. **Bid Bond.** The bidder shall provide with its bid proposal a bid bond or certified check payable to the Department in the amount of 5% of the total bid amount.
8. **Return of Bid Bond.** After the bids have been tabulated and compared, the Department shall return the bid bond or certified check accompanying each of the proposals as in its judgment will not be further considered. All

27. **Supplier Tests.** The bidder shall specify in the bid proposal all tests that will be performed by the Supplier on the equipment and its components. All test results shall be provided to the Department.
28. **Interlocal Bids.** Bids shall be subject to chapter 39.34 RCW, the Interlocal Cooperation Act, under which other governmental agencies may purchase through the bid proposal accepted by the Department. The Department accepts no responsibility for the performance of a purchasing contract by the successful bidder and the Department accepts no responsibility for payment of the purchase price by any entity purchasing under this provision.

0.26

Bidder shall provide a pre-build meeting and a final inspection meeting at the manufacturing facility. If the bidder is not in the full time employment of the company who will manufacture the vehicle, he is required to attend both of these meetings. Bidder shall be responsible for the following expenses, to include airfare, ground transportation from airport to plant and return, meals and lodging if necessary. Pre-build meeting shall be for one (1) person from purchaser. Final Inspection meeting shall be for two (2) people from the purchaser.

COMPLY YES NO

0.27

As this agency expects to remount this vehicle at some future date bidder shall supply a copy of the manufacturer's current remount warranty with the bid. If the manufacturer does not provide remount services bidder shall provide the name, address, phone, and history of the company who does provide the remount services, a current copy of their remount warranty and \$5,000,000 product liability insurance policy.

COMPLY YES NO

0.28

FORCE MAJEURE

The seller shall not be charged with liquidated damages or any excess cost when delay in delivery of goods is due to:

1. Any preference, priority of allocation order duly issued by the Government;
2. Unforeseeable cause beyond the control and without the fault, or negligence of the Seller, including but not restricted to, acts of God, or of the public enemy, acts of the Buyer, acts of another Contractor in the performance of a contract with the Buyer, fire, flood, epidemics, quarantine restrictions, strikes, freight embargoes, and unusually severe weather; and
3. Any delays of subcontractors occasioned by any of the causes specified in the two immediately preceding clauses. Provided that the Seller shall, within seven (7) days from the beginning of such delay, notify the Buyer, in writing, of the causes of the delay whereupon the Buyer shall ascertain the facts and extent of the delay and notify the Seller within a reasonable time of its decision in the matter.

COMPLY YES NO

0.29

INTER-LOCAL AGREEMENT

Pursuant to Revised Code of the Washington (RCW) 39.34.030(5), any public agency or agencies in Washington may purchase or otherwise utilize this contract provided the public agency or agencies that awarded the original contract complied with all statutory notice and contracting requirements.

Public or purchasing agencies from Oregon and Washington may utilize this contract for interstate cooperative procurements, according to the requirements of ORS 279a.220 and RCW 39.34.

COMPLY YES NO



**BAINBRIDGE ISLAND
FIRE DEPARTMENT**

**2016
BUDGET**

Approved November 12, 2015

BAINBRIDGE ISLAND FIRE DEPARTMENT				
EXPENSE FUND #90838				
2016 Expense Budget				
	COST CENTER	2016 Budget	REVENUES	
			2016 Budget	
310	Fire Operations	\$ 5,151,144	GENERAL LEVY	\$ 5,909,102
315	Fire Investigation	\$ 1,300	EMS LEVY	\$ 2,488,043
320	Community Risk Reduction	\$ 18,000	FIRE SAFETY CONTRACTS	\$ 194,800
330	Special Operations	\$ 4,250	TRANSPORT INCOME	\$ 250,000
380	Emergency Medical Services	\$ 86,750	OTHER CONTRACTS	\$ 16,000
400	Tech Rescues	\$ 15,000	RENTAL INCOME	\$ 400
500	Training & Safety	\$ 303,496	FUEL CONTRACTS	\$ 35,000
600	Vehicles	\$ 271,603	TRAINING CLASSES	\$ 10,000
700	Facilities & Grounds	\$ 146,800	REIMBURSEMENTS	\$ 500
750	Communications	\$ 170,770	GRANTS	\$ 2,000
850	Fire Code Management	\$ 130,835	INTEREST AND OTHER INCOME	\$ 35,000
900	Legislative	\$ 25,277		
910	Administrative Personnel	\$ 1,051,612		
915	General Business Expense	\$ 127,250		
940	Volunteer Services	\$ 223,868		
	TOTAL OPERATING EXPENSES	\$ 7,725,753	TOTAL ESTIMATED REVENUES	\$ 8,940,845
980	Transfers to Bond	\$ -		
980	Transfers to Capital	\$ 250,000		
980	Transfer to Reserve	\$ 100,000		
	TOTAL BUDGET	\$ 8,075,753		
	+/- Expense Fund Balance	865,092		

BAINBRIDGE ISLAND FIRE DEPARTMENT

CAPITAL FUND #90841

2016 Capital Budget

	COST CENTER	2016 Budget	REVENUES	2016 Budget
St 21	Facilities	\$ 7,000,000	Transfer from Expense fund	\$ 250,000
St 22	Facilities	\$ 3,000,000	Transfer from Capital Facilities Bond fund	\$ 10,000,000
St 23	Facilities	\$ 27,000		
Vehicles	Command	\$ -		
	Fire Vehicles	\$ 12,000		
	Other Vehicles	\$ -		
	EMS Vehicles	\$ 175,000		
Equip	Equipment	\$ 114,000		
TOTAL ESTIMATED EXPENSES		\$ 10,328,000	TOTAL ESTIMATED REVENUES	\$ 10,250,000