

Request for Board Action

REFERRED TO BOARD: February 1, 2016

AGENDA ITEM NO: 7

ORIGINATING DEPARTMENT: Fire Department

SUBJECT: Consideration of a Resolution Authorizing the Village Administrator to approve the purchase of a 2015 International Horton Ambulance dealer demonstrator vehicle from Foster Coach of Sterling, IL.

SUMMARY AND BACKGROUND OF SUBJECT MATTER:

A recent donation to the Village in the amount of \$122,873 was received earlier this month from the Antioch Rescue Squad Foundation. An equal amount was received by the First Fire Protection District. These funds were earmarked to be used to provide EMS services to the community. The Joint Fire Committee met on January 20, 2016 to discuss the serviceability of the Fire Department ambulance fleet and the possibility of using the donated funds to acquire an ambulance for immediate delivery. During the meeting, Fire Chief Nixon reported on a 2015 International Horton demonstrator model that was available now. This ambulance was determined to be a desirable candidate for purchase due to quality of the vehicle, very low mileage and an attractive price offer from the dealer. 5 other dealers were contacted to submit their bid for an available demo model ambulance. There were no other dealers that bid this project. The Joint Fire Committee unanimously agreed to recommend that this Ambulance be purchased and placed into service as soon as possible.

FINANCIAL IMPACT: The Total Cost of the proposed ambulance shall be \$190,000 which will be shared equally with the First Fire District

DOCUMENTS ATTACHED:

1. Spec and Diagram
2. Resolution

RECOMMENDED MOTION:

Move to approve the resolution authorizing the Village Administrator to approve the purchase a 2015 International Horton Ambulance from Foster Coach in Sterling, IL.

RESOLUTION 16 - _____

A RESOLUTION AUTHORIZING THE PURCHASE OF A 2015 INTERNATIONAL HORTON AMBULANCE FROM FOSTER COACH of STERLING, IL USING FUNDS GIFTED BY THE ARS FOUNDATION

WHEREAS, the Antioch Rescue Squad Foundation recently dissolved and in the process distributed a total sum of \$245,746.30 to the Village and the First Fire Protection District, with the stated intention that this money be used to provide emergency medical services within the territory served by the Antioch Fire Department, and

WHEREAS, the Village and the First Fire District jointly operate the Antioch Fire Department through an intergovernmental agreement, and

WHEREAS, the mission of the Antioch Fire Department is to provide fire and life safety services to the community, and

WHEREAS, the Antioch Fire Department currently provides emergency medical services within the Village of Antioch as a principal part of their mission, and

WHEREAS, the current ambulance fleet operated by the Antioch Fire Department is aging and in need of modernization and upgrades, which is a very expensive proposition, and one which needs to be considered carefully on an ongoing basis with expenditures made wisely as funds become available to ensure the best possible delivery of emergency services to the greater Antioch community, and

WHEREAS, the Antioch Fire Department has suggested to the Village Board and to the Trustees of the First Fire District that purchasing a dealer demo ambulance would reduce currently rising maintenance costs and provide a virtually new ambulance which will provide years of service to the community on the best possible financial terms, and

WHEREAS, Foster Coach of Sterling IL has provided a written bid to sell their 2015 International Horton Ambulance, which is a current demonstrator model with approximately 4,800 miles, to the Antioch Fire Department, and

WHEREAS, the Village Board finds and declares that the capital purchase of the above-described demo ambulance is a wise and prudent expenditure of the ARS Foundation funds, consistent with the terms of the gift and consistent with the fact that the funds which were distributed came principally from donations by persons living and working within the Antioch area, who stand to benefit from quality emergency medical services now and in the future,

NOW, THEREFORE, BE IT HEREBY RESOLVED BY THE MAYOR AND VILLAGE BOARD OF TRUSTEES OF THE VILLAGE OF ANTIOCH, LAKE COUNTY, ILLINOIS, as follows:

Section One: The Village Administrator is authorized and directed to effectuate the purchase of the above-described ambulance to be used for emergency medical service to the Antioch Fire Department at a cost not to exceed \$190,000, with said purchase price is being shared equally with the First Fire Protection District and the funds coming from the ARS Foundation gift.

Section Two: The remaining money from the ARS Foundation gift shall be used for cots and life support equipment to outfit the purchased ambulance and for such other, similar purposes as the corporate authorities of the Village and the First Fire District shall subsequently deem appropriate.

Section Three: The ARS Foundation, its members and the people of this community who contributed over many years to the funds that have now come into the possession of the Village and the First Fire District are thanked for their generosity.

ADOPTED AND APPROVED: by the Mayor and Village Board of Trustees of the Village of Antioch, Lake County, Illinois, and this 1st day of February 2016.

AYES:

NAYS:

ABSENT:

Lawrence M. Hanson, Mayor

ATTEST:

Lori K. Folbrick, Village Clerk

Prepared For:
FOSTER COACH/PJ FOSTER DEMO PROJECT
FOSTER COACH
3800 Mcdowell Rd.
Grove City, OH 43123-
(614)539 - 8181
Reference ID: N/A

Presented By:
RUSH TRUCK CENTERS
Timothy M White
4200 CURRENCY DRIVE
COLUMBUS OH 43228 -
(614)876-3500

Thank you for the opportunity to provide you with the following quotation on a new International truck. I am sure the following detailed specification will meet your operational requirements, and I look forward to serving your business needs.



Model Profile
2015 TERRASTAR SFA 4x2 (TA005)

APPLICATION: Rescue
MISSION: Requested GVWR: 25500. Calc. GVWR: 19000
Calc. Start / Grade Ability: 32.20% / 2.79% @ 55 MPH
Calc. Geared Speed: 88.0 MPH
FUEL ECONOMY: 8.55 MPG @ 55 MPH
DIMENSION: Wheelbase: 183.00, CA: 108.60, Axle to Frame: 63.00
ENGINE, DIESEL: {MaxxForce 7} EPA 10, 300 HP @ 2600 RPM, 660 lb-ft Torque @ 1600 RPM, 2800 RPM
Governed Speed, 300 Peak HP (Max)
TRANSMISSION, AUTOMATIC: {Allison 1000_EVS_P} 5th Generation Controls; Close Ratio, 6-Speed, With Overdrive; Includes
Park Pawl, With PTO Provision, Less Retarder, With 19,500-lb GVW & 26,000-lb GCW Max.
Omit Item (Clutch & Control)
CLUTCH: Conventional
AXLE, FRONT NON-DRIVING: {Dana Spicer D700-N} I-Beam Type, 7,000-lb Capacity
AXLE, REAR, SINGLE: {Dana Spicer S110} Single Reduction, With Offset Housing; 13,500-lb Capacity, 160 Wheel Ends
Gear Ratio: 4.88
CAB: Conventional
TIRE, FRONT: (2) 225/70R19.5 G647 RSS (GOODYEAR) 640 rev/mile, load range G, 14 ply
TIRE, REAR: (5) 225/70R19.5 G622 RSD (GOODYEAR) 641 rev/mile, load range G, 14 ply
SUSPENSION, REAR, AIR, SINGLE: {International} Ride Optimized Suspension (IROS); 12,000-lb Capacity, 6.0" Ride Height, With
Shock Absorbers
PAINT: Cab schematic 100TA
Location 1: 2647, Brt Red (Custom)
Chassis schematic N/A

ENGINE, DIESEL (0012NVE)

**ATTACHMENTS: 0007SDE (ENGINE EXHAUST BRAKE) 0012VZA (ENGINE CONTROL, REMOTE MOUNTED) 0012VXT
(THROTTLE, HAND CONTROL)**

<u>Parameter</u>	<u>Value</u>	<u>UOM</u>
Max Vehicle Speed Limit:7902	67	MPH
Max Eng Speed w/Veh Spd Fault:7905	2119	RPM
Idle Shutdown Mode:7400	0, DISABLE FEATURE OR FUNCTION	N/A
Idle Shutdown Time:7401	5	MIN
Cruise Min Vehicle Speed:7603	35	MPH
Cruise Max Vehicle Speed:7604	67	MPH
Exhaust Brake Mode:7000	1, EXHAUST BRAKE LATCHED	N/A
AESC Max Engine Speed:7508	2600	RPM
AESC Preset Engine Speed 1:7505	1000	RPM
AESC Preset Engine Speed 2:7506	1500	RPM
AESC Engine Speed Ramp Rate:7507	100	RPM/SEC
AESC Max Vehicle Speed:7501	10	MPH
AESC Remote Pedal Enable:7504	0, FEATURE OR FUNCTION IS DISABLED	N/A
AESC Remote Pedal-Return To 0:7513	1, RETURN TO ZERO FUNCTIONALITY NOT REQUIRED	N/A
AESC Rem Pedal V Threshold ORH:7535	4.1990	V
AESC Rem Pedal V Threshold ORL:7534	0.2490	V
Service Interval Indicator:9500	2, COSI AVERAGE MPG & MPH BASED FEATURE ENABLED	N/A
Service Interval % Notify:9507	100	%
Customer Password:8700	0000	N/A

These Electronic Parameters have not been finalized

<u>Code</u>	<u>Description</u>	<u>List</u> (US DOLLAR)
TA00500	Base Chassis, Model TERRASTAR SFA 4x2 with 183.00 Wheelbase, 108.60 CA, and 63.00 Axle to Frame.	\$45,875.00
1570	TOW HOOK, FRONT (2) Frame Mounted	\$73.00
1CDN	FRAME RAILS High Strength Low Alloy Steel (80,000 PSI Yield); 7.375" x 3.079" x .312" (187.45mm x 78.2mm x 8.0mm) With Transition to 9.125" x 3.079" x .312" (231.8mm x 78.2mm x 8.0mm); Includes 1.2" (30mm) Drop Under Cab; 335.2" (8512.2mm) Maximum OAL	\$0.00
	<u>Notes</u> : Refer to WB/AF COMBINATIONS Chart in the Compatibility Charts section of the CT-400 Data Book and the Price List for compatible AF dimension.	
1MSN	BUMPER, FRONT Full Width, Aerodynamic, Steel, Chrome Plated, 0.118" Material Thickness, Includes Mounting Holes for 2 CPI Bumper Mounted Sirens	\$478.00
1SAL	CROSSMEMBER, REAR, AF (01)	\$116.00
1WEB	WHEELBASE RANGE 128" (325cm) Through and Including 183" (465cm)	\$0.00
2ADZ	AXLE, FRONT NON-DRIVING {Dana Spicer D700-N} I-Beam Type, 7,000-lb Capacity	\$130.00
3AGN	SUSPENSION, FRONT, SPRING Taper Leaf, Shackle Type; 7,000-lb Capacity; With Shock Absorbers	\$28.00
	<u>Includes</u> : SPRING PINS Rubber Bushings, Maintenance-Free	
3WAP	STABILIZER BAR, FRONT	\$498.00
4087	BRAKE SYSTEM, HYDRAULIC {TRW 355} Split System, With Three Channel ABS	\$0.00
	<u>Includes</u> : BRAKE LININGS, FRONT HX-73, Non-Asbestos : BRAKE LININGS, REAR HX-73, Non-Asbestos	
4EBD	AIR DRYER {Meritor Wabco System Saver 1200} with Heater	\$450.00
	<u>Includes</u> : AIR DRYER LOCATION Inside Left Rail, Back of Cab	
4GAX	BRAKE, PARKING {TRW} Drum-in-Hat Type; for Hydraulic Brake chassis; Activated by Lever in Cab; Mounted in Rear Wheels	\$0.00
	<u>Includes</u> : PARKING BRAKE CONTROL Lever, Floor Mounted, Located Right of Driver	
4JNH	BRAKES, FRONT, HYDRAULIC DISC {TRW} 15.35" x 1.54" Rotors; Dual 2.36" (60mm) Diam. Pistons	\$0.00
4NNH	BRAKES, REAR, HYDRAULIC DISC {TRW} 15.35" x 1.54" Rotors; Dual 2.36" (60mm) Diam. Pistons	\$0.00
4SBL	AIR COMPRESSOR {Bendix Tu-Flo 550} 13.2 CFM Capacity; and Tank for Air Source on Hydraulic Chassis	\$790.00
5710	STEERING COLUMN Tilting and Telescoping	\$328.00
5CAL	STEERING WHEEL 2-Spoke, 18" Diam., Black	\$0.00
5PSN	STEERING GEAR {Sheppard MD83} Power	\$0.00
7BDA	EXHAUST SYSTEM Single, Horizontal, Aftertreatment Device Frame Mounted Right Side Back of Cab, Includes Horizontal Tail Pipe	\$0.00

<u>Code</u>	<u>Description</u>	<u>List</u> (US DOLLAR)
	<u>Includes</u> : NOTE: The Horizontal Tailpipe Includes a Temperature Control Device	
7SDE	ENGINE EXHAUST BRAKE for MaxxForce 7 V8 Engines, Electronically Activated	\$848.00
7WZX	SWITCH, FOR EXHAUST 3 Position, Momentary, Lighted Momentary, ON/CANCEL, Center Stable, INHIBIT REGEN, Mounted in IP Inhibits Diesel Particulate Filter Regeneration When Switch is Moved to ON While Engine is Running, Resets When Ignition is Turned OFF	\$42.00
8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment	\$0.00
	<u>Includes</u> : BATTERY BOX Steel : DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab : FUSES, ELECTRICAL SAE Blade-Type : HAZARD SWITCH Push On/Push Off, Located on Top of Steering Column Cover : HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever : HEADLIGHTS (2) Sealed Beam Halogen, 5" x 7" Rectangular, with Molded-In Argent Colored Bezels : HORN, ELECTRIC Single : JUMP START STUD Located on Positive Terminal of Outermost Battery : PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light : RUNNING LIGHT (2) Daytime, Included With Headlights : STARTER SWITCH Electric, Key Operated : STOP, TURN, TAIL & B/U LIGHTS Dual, Rear, Combination with Reflector : TURN SIGNAL SWITCH Self-Cancelling for Trucks, Manual Cancelling for Tractors, with Lane Change Feature : TURN SIGNALS, FRONT Includes Reflectors and Solid State Flashers; Flush Mounted : WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever : WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted : WIRING, CHASSIS Color Coded and Continuously Numbered	
8518	CIGAR LIGHTER Includes Ash Cup	\$18.00
8540	HORN, ELECTRIC (2)	\$20.00
8GWY	ALTERNATOR {Leece-Neville 14931PAH} Brush Type, 12 Volt 320 Amp. Capacity, Pad Mount	\$1,258.00
8HAB	BODY BUILDER WIRING Back of Standard Cab at Left Frame or Under Extended or Crew Cab at Left Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/ Backup/ Accessory Power/Ground and Sealed Connector for Stop/Turn	\$100.00
8MLM	BATTERY SYSTEM {International} Maintenance-Free (3) 12-Volt 2250CCA Total	\$201.00
8RME	RADIO AM/FM/WB/Clock/3MM Auxiliary Input, with Multiple Speakers, With CD Player	\$474.00
8WBW	JUMP START STUD Remote Mounted	\$0.00
8WCL	HORN, AIR Black, Single Trumpet, Air Solenoid Operated	\$94.00
8WCS	BATTERY DISCONNECT SWITCH {Joseph Pollak 51-315} Positive Type, Lever Operated, Cab Mounted	\$92.00
	<u>Includes</u> : BATTERY DISCONNECT SWITCH Mounted to Outside of Battery Box	
8WEE	SWITCH, AIR HORN, PASSENGER Fire Truck Application; Momentary Switch Located in Instrument Panel Close to Passenger, Driver Also To Activate Switch at Steering Wheel	\$57.00
8WGL	WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time	\$26.00

<u>Code</u>	<u>Description</u>	<u>List</u> (US DOLLAR)
8WPZ	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights	\$42.00
8WRB	HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on	\$22.00
8WWJ	INDICATOR, LOW COOLANT LEVEL With Audible Alarm	\$0.00
8WYD	STARTING MOTOR {Delco Remy 29MT} 12 Volt; Less Thermal Over-Crank Protection, With Integrated Magnetic Switch	\$0.00
8XAH	CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III With Trip Indicators, Replaces All Fuses Except For 5-Amp Fuses	\$99.00
9HCG	GRILLE Chrome, with Chrome Headlight Bezels	\$648.00
9WAY	FRONT END Tilting, Fiberglass, With Three Piece Construction	\$0.00
	<u>Includes</u> : HOOD TILT ASSIST Includes Torsion Bar Spring System	
9WBT	GRILLE EMBER SCREEN Mounted to Grille and Cowl Tray to Keep Hot Embers out of Engine and HVAC Air Intake System	\$90.00
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100	\$0.00
10761	PAINT TYPE Base Coat/Clear Coat, 1-2 Tone	\$0.00
10771	PAINT CLASS Single Custom Color	\$500.00
11001	CLUTCH Omit Item (Clutch & Control)	\$0.00
12NVE	ENGINE, DIESEL {MaxxFORCE 7} EPA 10, 300 HP @ 2600 RPM, 660 lb-ft Torque @ 1600 RPM, 2800 RPM Governed Speed, 300 Peak HP (Max)	\$0.00
	<u>Includes</u> : AIR COMPRESSOR AIR SUPPLY LINE Naturally-Aspirated (Air Brake Chassis Only) : ANTI-FREEZE Red Shell Rotella Extended Life Coolant; -40 Degrees F/ -40 Degrees C; for MaxxFORCE Engines : CRUISE CONTROL Electronic; Controls Integral to Steering Wheel : ENGINE OIL DRAIN PLUG Magnetic : ENGINE SHUTDOWN Electric, Key Operated : FUEL FILTER Engine Mounted : FUEL HEATER Included with Fuel/Water Separator : FUEL/WATER SEPARATOR Engine Mounted : GLOW PLUG Automatic with Indicator Light : GOVERNOR Electronic : OIL FILTER, ENGINE Drop-In Cartridge Type	
12TSY	FAN DRIVE {Borg-Warner SA85} Viscous Type, Screw On	\$101.00
	<u>Includes</u> : FAN Nylon	
12UBU	RADIATOR Aluminum; 2-Row, Cross Flow, Side-by-Side System, 697 SqIn Louvered, With 225 SqIn CAC, With In-Tank Oil Cooler	\$0.00
	<u>Includes</u> : DEAERATION SYSTEM with Surge Tank : HOSE CLAMPS, RADIATOR HOSES Gates Shrink Band Type; Thermoplastic Coolant Hose Clamps : RADIATOR HOSES Premium, Rubber	
12VBR	AIR CLEANER With Service Protection Element	\$0.00

<u>Code</u>	<u>Description</u>	<u>List</u> (US DOLLAR)
	<u>Includes</u> : GAUGE, AIR CLEANER RESTRICTION Air Cleaner Mounted	
12VXT	THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel	\$0.00
12VZA	ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control for MaxxForce post 2007 Emissions Electronic Engines	\$45.00
12VZD	FEDERAL EMISSIONS for 2010; MaxxForce 7 Engines	\$0.00
12WTA	FAN DRIVE SPECIAL EFFECTS Fan Cooling Ring with Fan Shroud Effects, Engine Mounted	\$0.00
12WZE	EMISSION COMPLIANCE Federal, Does Not Comply With California Clean Air Idle Regulations	\$0.00
12XAN	OBD COMPLIANCE for 2013 OBD (On Board Diagnostics)	\$0.00
13AVW	TRANSMISSION, AUTOMATIC {Allison 1000_EVS_P} 5th Generation Controls; Close Ratio, 6-Speed, With Overdrive; Includes Park Pawl, With PTO Provision, Less Retarder, With 19,500-lb GVW & 26,000-lb GCW Max.	\$529.00
13WDH	WIRING, TRANS, BODY BUILDER Installed Wiring for Transmission/PTO Controls, for Allison 1000, 2000, 2100, 2200, 2400, 2500 Series Transmission	\$24.00
13WLN	TRANSMISSION OIL Synthetic; 20 thru 28 Pints	\$0.00
13WYL	SHIFT CONTROL PARAMETERS Allison Performance Programming in Primary and Allison Economy Programming in Secondary	\$0.00
14899	SUSPENSION AIR CONTROL VALVE Pressure Release Control In Cab	\$163.00
14ACN	AXLE, REAR, SINGLE {Dana Spicer S110} Single Reduction, With Offset Housing; 13,500-lb Capacity, 160 Wheel Ends . Gear Ratio: 4.88	\$72.00
	<u>Includes</u> : REAR AXLE DRAIN PLUG (1) Magnetic, For Single Rear Axle	
14TCH	SUSPENSION, REAR, AIR, SINGLE {International} Ride Optimized Suspension (IROS); 12,000-lb Capacity, 6.0" Ride Height, With Shock Absorbers	\$1,254.00
	<u>Notes</u> : The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.	
15SSW	FUEL TANK Top Draw; Rectangular, Steel; 40 U.S. Gal., 151 L Capacity, 15" Depth, Includes Fuel Filler Assembly and Vent Hosing, Mounted Between Frame Sidemembers and Behind Rear Axle	\$0.00
16030	CAB Conventional	\$0.00
	<u>Includes</u> : ARM REST (2) Molded Plastic; One Each Door : CLEARANCE/MARKER LIGHTS (5) Flush Mounted : COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window : CUP HOLDERS Two Cup Holders, Located in Lower Center of Instrument Panel : DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center Mounted : GLASS, ALL WINDOWS Tinted : GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side	

<u>Code</u>	<u>Description</u>	<u>List</u> (US DOLLAR)
	: GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side : INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior Color : STEP (2) One Per Door	
16990	AIR CONDITIONER, PROVISION FOR Accommodation Package, for Air Conditioning, Includes (1) SD7 Sanden Auxiliary Compressor in Secondary Compressor Position and Compressor Drive Effects for Vehicle With Primary Compressor Mounting	\$539.00
16HBA	GAUGE CLUSTER English With English Electronic Speedometer <u>Includes</u> : GAUGE CLUSTER (5) Engine Oil Pressure (Electronic), Water Temperature (Electronic), Fuel (Electronic), Tachometer (Electronic), Voltmeter : ODOMETER DISPLAY, Miles, Trip Miles, Engine Hours, Trip Hours, Fault Code Readout : WARNING SYSTEM Low Fuel, Low Oil Pressure, High Engine Coolant Temp, and Low Battery Voltage (Visual and Audible)	\$0.00
16HGH	GAUGE, OIL TEMP, ALLISON TRAN	\$48.00
16HHE	GAUGE, AIR CLEANER RESTRICTION {Filter-Minder} With Black Bezel Mounted in Instrument Panel	\$30.00
16HKT	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster	\$0.00
16JNV	SEAT, DRIVER {National 2000} Air Suspension, High Back With Integral Headrest, Cloth, Isolator, 1 Chamber Lumbar, 2 Position Front Cushion Adjust, -3 to +14 Degree Back Angle Adjust <u>Includes</u> : SEAT BELT 3-Point, Lap and Shoulder Belt Type	\$157.00
16RPX	SEAT, PASSENGER {National} Air-Suspension, High Back With Integral Headrest, Cloth, Isolated, 1 Chamber Lumbar, 2 Position Front Cushion Adjustment, -3 to +14 Degree Seat Back Adjustment	\$568.00
16SDU	MIRRORS (2) {Lang Mekra} Styled; Rectangular, 7.09" x 15.75" & Integral Convex Both Sides, 102" Inside Spacing, Breakaway Type, Heated Heads Thermostatically Controlled, Power Both Sides, Clearance Lights LED, Bright Finish Heads & Brackets	\$585.00
16VBZ	SEAT BELT All Red; 1 to 3	\$26.00
16WBY	ARM REST, RIGHT, DRIVER SEAT	\$39.00
16WBZ	ARM REST, LEFT, PASSENGER SEAT	\$39.00
16WCT	AIR CONDITIONER {Blend-Air} With Integral Heater & Defroster <u>Includes</u> : HEATER HOSES Premium : HOSE CLAMPS, HEATER HOSE Mubea Constant Tension Clamps : REFRIGERANT Hydrofluorocarbon HFC-134A	\$823.00
16WJS	INSTRUMENT PANEL Center Section, Flat Panel	\$0.00
16WJU	WINDOW, POWER (2) And Power Door Locks, Left and Right Doors, Includes Express Down Feature	\$367.00
16WKY	HVAC FRESH AIR FILTER	\$14.00
16WRZ	CAB INTERIOR TRIM Premium <u>Includes</u> : "A" PILLAR COVER Molded Plastic	\$304.00

<u>Code</u>	<u>Description</u>	<u>List</u> (US DOLLAR)
	: CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat or with a Full Bench Seat the Back Panel is Completely Void of Covering	
	: CAB SOUND INSULATION Includes Dash and Engine Cover Insulators	
	: CONSOLE, OVERHEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets, CB Radio Pocket, Speakers, and Reading Lights	
	: COURTESY LIGHT (2) Mounted In Front Map Pocket Left and Right Side	
	: DOOR TRIM PANELS with Cloth Insert on Bolster Driver and Passenger Doors	
	: FLOOR COVERING Rubber, Black	
	: GAUGE, TEMPERATURE, AMBIENT Includes Wiring and Sensor With Display Unit Mounted in Cluster	
	: HEADLINER Soft Padded Cloth	
	: INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section	
	: STORAGE POCKET, DOOR (2) Molded Plastic (Carpet Texture), Full-Length; Driver and Passenger Doors	
	: SUN VISOR (3) Padded Vinyl: 2 Moveable (Front-to-Side) Primary Visors, Driver Side with Vanity Mirror and Toll Ticket Strap, plus 1 Auxiliary Visor (Front Only), Driver Side	
16WSE	LOW WASHER FLUID INDICATOR	\$15.00
16XRX	MODESTY PANEL Painted	\$118.00
16XWD	SUNSHADE, EXTERIOR Aerodynamic, Painted Roof Color; Includes Integral Clearance/Marker Lights	\$203.00
26DRR	WHEEL, SPARE, DISC 19.5" Painted Steel, 10 Stud (225MM BC) Hub Piloted, Flange Nut, Metric Mount, 6.00DC Rim	\$135.00
27DAV	WHEELS, FRONT DISC; 19.5" Polished Aluminum; 10-Stud (225MM BC) Hub Piloted, Flanged Nut, Metric Mount, 6.00 DC Rims; With Steel Hubs	\$506.00
	<u>Notes</u>	
	: Aluminum Wheels not Painted or Coated	
28DAV	WHEELS, REAR DISC; 19.5" Polished Aluminum Outer Wheel, With Steel Inner Wheel, 10-Stud (225MM BC) Hub Piloted, Flanged Nut, Metric Mount, 6.00 DC Rims; With Steel Hubs	\$631.00
	<u>Notes</u>	
	: Aluminum Wheels not Painted or Coated	
	: Polished Surface Outside Dual Only	
29007	TIRE, SPARE Equal to Model Standard	\$356.00
	<u>Notes</u>	
	: NOTE: Only One Spare Tire per Truck Ordered. Order Must Reflect Number of Tires Required (Including Spare). 10-Digit Tire Code and Spare Rim/Wheel Code Must be Specified.	
29SAE	WHEEL SEALS, FRONT {Chicago Rawhide Nitrile} for Oil Lubricated Wheel Bearings	\$31.00
29WLA	WHEEL BEARING, FRONT, LUBE {EmGard 50W} Synthetic Oil	\$25.00
60ACW	BDY INTG,I/O EXPANSION HARNESS {for Diamond Logic Builder} In-Cab wire harness (DLB) program only, Includes a harness with five blunt cut wires routed on lower left of instrument panel. Two ground active inputs and two (.5Amp) relay drivers outputs are provided	\$71.00
7779440101	(2) TIRE, FRONT 225/70R19.5 G647 RSS (GOODYEAR) 640 rev/mile, load range G, 14 ply	\$268.00
7779448102	(5) TIRE, REAR 225/70R19.5 G622 RSD (GOODYEAR) 641 rev/mile, load range G, 14 ply	\$685.00

<u>Code</u>	<u>Description</u>	<u>List</u> (US DOLLAR)
	Total of Product Features	\$62,168.00
	Total List Price Including Options:	\$62,168.00
1	FUEL SURCHARGES	\$145.00
	Total Body Allied:	\$145.00
TSC	DUAL LEVEL VALVES	\$262.00
TSC	GROVER/BUELL AIR HORNS MTD IN FRAME	\$984.35
TSC	ADD DUAL A/C COMPRESSOR	(\$539.00)
	SPECIAL PROGRAMMING	\$1,200.00
TSC	AUXILIARY AIR TANK FOR HORNS	\$405.00
	PING TANKS	\$404.00
	DEFAUT DOOR LOCKS(PART OF P&D)	\$0.00
	MODIFY BUMP STOPS	\$157.00
	ROUTE EXHAUST TO EXIT AT LEFT REAR TIRE AREA.	\$480.00
	ADD POP-OUT PARKING BRAKE	\$1,500.00
	Total Goods Purchased:	\$4,853.35

<u>Description</u>	<u>(US DOLLAR)</u>	<u>Price</u>
Factory List Prices:		
Product Items	\$62,168.00	
Service Items	\$0.00	
Total Factory List Price Including Options:		\$62,168.00
Total Goods Purchased:		\$3,353.35
FREIGHT & SECONDARY MOVEMENT CHARGES	\$1,600.00	
Total Freight:		\$1,600.00
Total Factory List Price Including Freight:		\$67,121.35
Less Customer Allowance:		(\$4,925.20)
Total Vehicle Price:		\$62,196.15
Total Body/Allied Equipment:		\$145.00
Total Sale Price:		\$62,341.15
Total Per Vehicle Sales Price:		\$62,341.15
Net Sales Price:		\$62,341.15

Please feel free to contact me regarding these specifications should your interests or needs change. I am confident you will be pleased with the quality and service of an International vehicle.

Approved by Seller:

Accepted by Purchaser:

Official Title and Date

Firm or Business Name

Authorized Signature

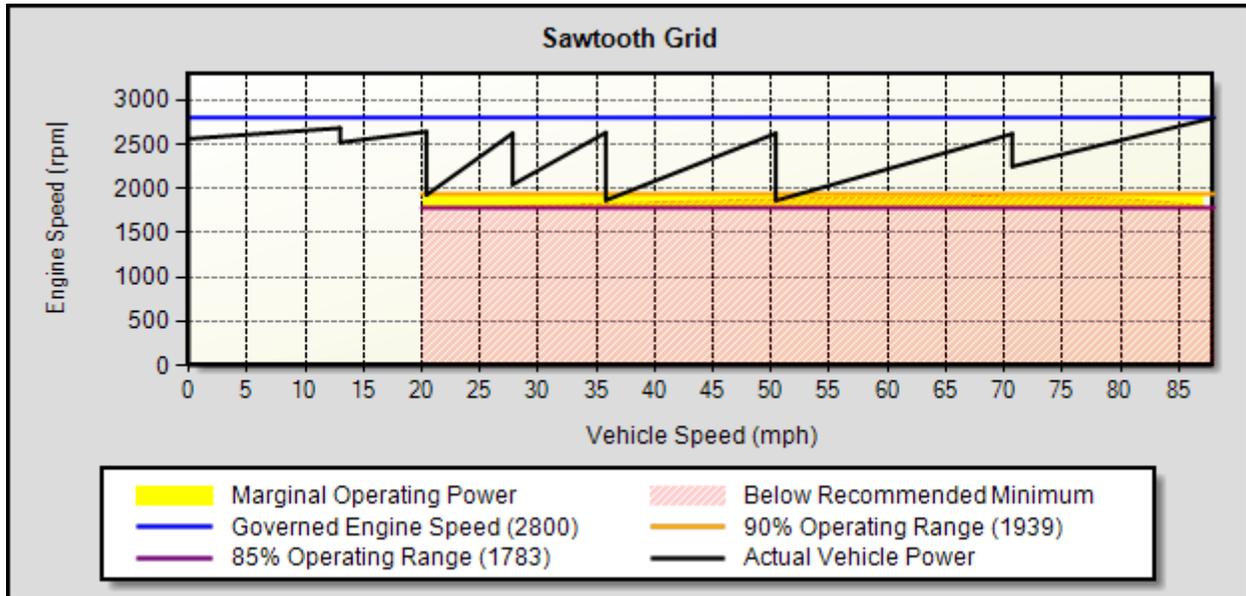
Authorized Signature and Date

**This proposal is not binding upon the seller without
Seller's Authorized Signature**

Official Title and Date

The TOPS FET calculation is an estimate for reference purposes only. The seller or retailer is responsible for calculating and reporting/paying appropriate FET to the IRS.

ENGINE/TRANSMISSION MATCHING



Sawtooth Details

Gear	Trans Ratio	Upshift Power Avail		Govern Power Avail		Peak Power Comparison			Warn Msg
		Veh Spd (MPH)	Eng Spd (RPM)	Veh Spd (MPH)	Eng Spd (RPM)	Gear Step (%)	85% Range (%)	90% Range (%)	
1C	3.10	0.0	2562.5	13.0	2684.0	N/A	57	44	
2C	1.81	13.0	2521.5	20.4	2643.2	N/A	57	44	
2L	1.81	20.4	1927.7	27.8	2624.5	N/A	57	44	
3L	1.41	27.8	2044.5	35.8	2632.5	N/A	57	44	
4L	1.00	35.8	1867.0	50.4	2625.0	N/A	57	44	
5L	0.71	50.4	1863.8	70.7	2618.5	N/A	57	44	
6L	0.61	70.7	2249.7	88.0	2800.0	N/A	57	44	

@ - WHEELSLIP CAN OCCUR AT THE GRADE SHOWN. THE VEHICLE IS CAPABLE OF INCREASED GRADEABILITY IF MORE WEIGHT IS PLACED ON THE DRIVE AXLES.

STEADY STATE PERFORMANCE

Performance Results	Gear	Veh Spd (mph)	Eng Spd (rpm)	Fuel Econ (mpg)	Grade (%)	Notes
LEVEL ROAD MAXIMUM SPEED	6L	83.5	2656	6.80	0.00	
HI GEAR SPEED @ RATED RPM	----	----	----	----	----	
55.0 MPH STEADY-STATE	6L	55.0	1749	8.55	2.79	- Calculated Grade Ability/Fuel Economy

VEHICLE ORDER CODING ERRORS MAY RESULT IF THE "LEVEL ROAD MAX SPEED" VALUE EXCEEDS THE "HI GEAR SPEED @ RATED RPM" AND IS USED AS THE ENGINE PROGRAMMABLE VEHICLE SPEED LIMIT.

IF THE RESULTS CONTAIN "----", VEHICLE CANNOT ATTAIN THAT SPEED.

IF THE RESULTS CONTAIN "*****", THE ENGINE USED DOES NOT HAVE A FUEL MAP. FUEL ECONOMY CANNOT BE PREDICTED.

Recommendations / General Information

IDLE FUEL RATE : 0.57 GALS/HR @ 700 RPM
TORQUE CONVERTER: TC-211 STALL RATIO: 1.90

Fuel Economy Route: Normal Route - City, Suburban, and Highway

Key Fuel Economy Information	City	Suburban	Highway	Notes
MILES PER GALLON	8.69	10.02	8.31	
AVERAGE MPH	19.17	40.06	54.63	
MISSION MINUTES	29.5	51.7	173.3	

IF THE RESULTS CONTAIN "*****", THE ENGINE USED DOES NOT HAVE A FUEL MAP. FUEL ECONOMY CANNOT BE PREDICTED.

GRADEABILITY PERFORMANCE

Enroute - Full Throttle Upshift Performance

Gear	Trans Ratio	Veh Spd (mph)	Eng Spd (rpm)	Whl Pwr (hp)	Grade (%)	Warn Notes Msg
1C	3.10	0.0	2562.5	0.0	37.10	@ STALL
		7.7	2522.6	183.7	36.90	70% EFF
		10.0	2596.4	213.5	32.20	80% EFF
		13.0	2684.0	222.4	25.20	
2C	1.81	13.0	2521.5	183.1	20.40	
		20.4	2643.2	224.0	15.40	
2L	1.81	20.4	1927.7	215.7	14.80	
		27.8	2624.5	265.4	13.10	
3L	1.41	27.8	2044.5	226.2	11.00	
		35.8	2632.5	263.4	9.50	
4L	1.00	35.8	1867.0	208.6	7.30	
		50.4	2625.0	263.0	5.70	
5L	0.71	50.4	1863.8	201.9	3.90	
		70.7	2618.5	255.2	2.00	
		74.6	2762.5	231.1	1.00	
6L	0.61	70.7	2249.7	230.0	1.50	
		76.1	2418.8	241.4	1.00	
		80.8	2568.8	250.9	0.50	
		83.5	2656.3	244.0	0.00	LEVEL ROAD
		88.0	2800.0	218.7	-1.00	RATED RPM

STARTING / TOP GEAR PERFORMANCE

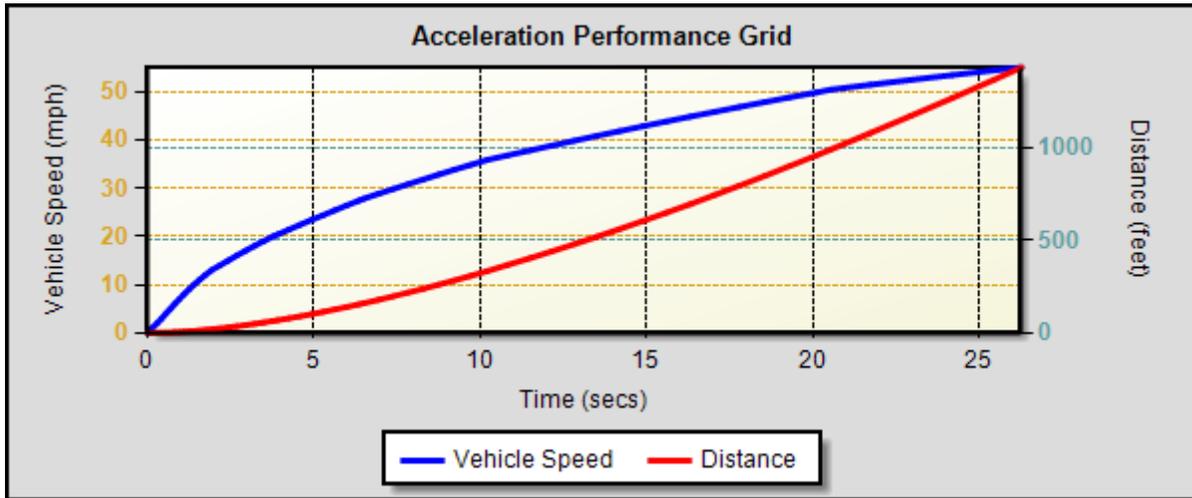
Gear	Trans Ratio	Veh Spd (mph)	Eng Spd (rpm)	Whl Pwr (hp)	Grade (%)	Warn Notes Msg
1C	3.10	0.0		0.0	37.10	@ STALL
		10.0		213.5	32.20	80% EFF - Calculated Start Ability

@ - WHEELSLIP CAN OCCUR AT THE GRADE SHOWN. THE VEHICLE IS CAPABLE OF INCREASED GRADEABILITY IF MORE WEIGHT IS PLACED ON THE DRIVE AXLES.

THE TRANSMISSION WAS SIMULATED IN PERFORMANCE OPERATING MODE.

ACCELERATION PERFORMANCE RESULTS

Acceleration Performance Grid



Acceleration Performance: TIME TO ACCELERATE ON A 0.00% GRADE TO 55.0 (MPH) IS 26.27 (SECS)

Acceleration Performance Details

Gear	Time (secs)	Distance (feet)	Speed (mph)	Notes
1	0.15	0.1	1.0	
	0.30	0.4	2.0	
	0.44	0.9	3.0	
	0.57	1.6	4.0	
	0.70	2.5	5.0	
	0.83	3.6	6.0	
	0.97	4.9	7.0	
	1.11	6.4	8.0	
	1.26	8.2	9.0	
	1.41	10.4	10.0	
2	1.58	12.9	11.0	
	1.75	15.9	12.0	
	1.94	19.3	13.0	
	2.19	24.2	14.0	
	2.44	29.5	15.0	
	2.69	35.3	16.0	
	2.95	41.6	17.0	
3	3.22	48.5	18.0	
	3.50	56.1	19.0	
	3.79	64.5	20.0	
	3.93	68.5	20.4	
	4.26	78.7	21.4	
	4.60	89.6	22.4	
	4.94	101.1	23.4	
4	5.29	113.3	24.4	
	5.64	126.2	25.4	
	6.00	139.7	26.4	
	6.36	154.1	27.4	
	6.51	160.0	27.8	
	6.95	178.3	28.8	
	7.39	197.4	29.8	
	7.84	217.4	30.8	

Gear	Time (secs)	Distance (feet)	Speed (mph)	Notes
	8.30	238.4	31.8	
	8.76	260.3	32.8	
	9.23	283.2	33.8	
	9.71	307.2	34.8	
5	10.20	332.5	35.8	
	10.84	367.1	36.8	
	11.50	402.9	37.8	
	12.16	440.0	38.8	
	12.83	478.6	39.8	
	13.51	518.7	40.8	
	14.19	560.3	41.8	
	14.89	603.6	42.8	
	15.60	648.5	43.8	
	16.32	695.2	44.8	
	17.05	743.8	45.8	
	17.79	794.2	46.8	
	18.55	846.6	47.8	
	19.31	901.0	48.8	
	20.10	957.6	49.8	
6	20.54	990.0	50.4	
	21.73	1078.9	51.4	
	22.94	1171.1	52.4	
	24.18	1266.8	53.4	
	25.44	1366.2	54.4	
	26.27	1433.0	55.0	

REQUIRED TCAPE INFORMATION

TCAPE Factors For Vehicle

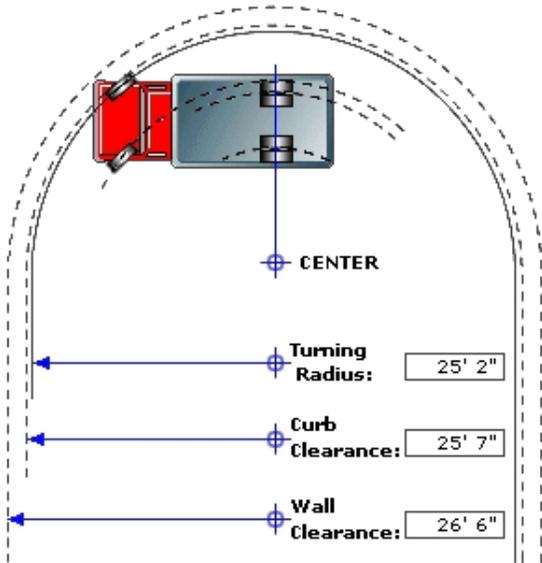
Selected Rear Axle Gear Ratio(s):	4.88
Vehicle Vocation:	GENERAL ON HIGHWAY
Road Surface Type:	TYPICAL
Enroute PTO:	NO
Transmission Mode:	Performance
Fuel Economy Route:	Normal Route - City, Suburban, and Highway
ID Wheel Slip Conditions:	Yes
Engine Fan Type:	VISCOUS
Parked PTO:	NO
Road Governor/Cruise Ctrl:	No
Acceleration Grade (%):	0.0
Alternator (A):	40
Frontal Area (FT2):	96
Air Compressor (HP):	0.00
Vehicle Height (IN):	89
Steering Gear (HP):	2.60
Air Conditioner (HP):	3.20
Weight on Drive Axle (LBF):	13500
Acceleration Vehicle Spd (MPH):	55.0
Speed Limit on Route (MPH):	61.0
Vehicle Width (IN):	96
Relative Drag Coefficient:	80
TIRE, FRONT	2 - RADIAL LOWPROFILE
TIRE, REAR	4 - RADIAL LOWPROFILE

Components

0002ADZ	AXLE, FRONT NON-DRIVING {Dana Spicer D700-N} I-Beam Type, 7,000-lb Capacity
0004SBL	AIR COMPRESSOR {Bendix Tu-Flo 550} 13.2 CFM Capacity; and Tank for Air Source on Hydraulic Chassis
0005PSN	STEERING GEAR {Sheppard MD83} Power
0008GWY	ALTERNATOR {Leece-Neville 14931PAH} Brush Type, 12 Volt 320 Amp. Capacity, Pad Mount
0012NVE	ENGINE, DIESEL {MaxxForce 7} EPA 10, 300 HP @ 2600 RPM, 660 lb-ft Torque @ 1600 RPM, 2800 RPM Governed Speed, 300 Peak HP (Max)
0012TSY	FAN DRIVE {Borg-Warner SA85} Viscous Type, Screw On
0013AVW	TRANSMISSION, AUTOMATIC {Allison 1000_EVS_P} 5th Generation Controls; Close Ratio, 6-Speed, With Overdrive; Includes Park Pawl, With PTO Provision, Less Retarder, With 19,500-lb GVW & 26,000-lb GCW Max.
0014ACN	AXLE, REAR, SINGLE {Dana Spicer S110} Single Reduction, With Offset Housing; 13,500-lb Capacity, 160 Wheel Ends
0016030	CAB Conventional
0016WCT	AIR CONDITIONER {Blend-Air} With Integral Heater & Defroster
0016XWD	SUNSHADE, EXTERIOR Aerodynamic, Painted Roof Color; Includes Integral Clearance/Marker Lights
07779440101	TIRE, FRONT 225/70R19.5 G647 RSS (GOODYEAR) 640 rev/mile, load range G, 14 ply 225/70R19.5 G647 RSS (GOODYEAR) 640 rev/mile, load range G, 14 ply
07779448102	TIRE, REAR 225/70R19.5 G622 RSD (GOODYEAR) 641 rev/mile, load range G, 14 ply 225/70R19.5 G622 RSD (GOODYEAR) 641 rev/mile, load range G, 14 ply

TCAPE HAS BEEN DESIGNED TO GIVE ECONOMY AND PERFORMANCE PREDICTIONS WHICH HAVE BEEN SHOWN TO BE TYPICAL FOR MOST OPERATIONS. HOWEVER, DUE TO OPERATING CONDITIONS, DRIVER INFLUENCES, AND OTHER FACTORS, YOUR RESULTS MAY VARY FROM THOSE PREDICTED. ALSO, BECAUSE OF FUEL MAPPING PROCEDURES USED BY VARIOUS ENGINE MANUFACTURERS, COMPARISONS OF FUEL ECONOMY RESULTS FOR DIFFERENT BRANDS OF ENGINES MAY VARY FROM THOSE SHOWN.

NAVISTAR, INC. SHALL NOT BE LIABLE FOR ANY LOSS OF PROFITS, LOSS OF USE, INTERRUPTION OF BUSINESS OR INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND THAT ARE INCURRED BY DEALER OR BY DEALER'S CUSTOMERS AS A RESULT OF RELIANCE ON TCAPE, WHETHER THE CLAIM IS IN CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE.



Series: TR
 Model: TA005
 Description: TERRASTAR SFA 4x2
 Model Year: 2015

Calculation Factors

Wheelbase: 183
 Front Axle: 0002ADZ
 Description: AXLE, FRONT NON-DRIVING, {Dana Spicer D700-N} I-Beam Type, 7,000-lb Capacity
 Front Wheel: 0027DAV
 Description: WHEELS, FRONT, DISC; 19.5" Polished Aluminum; 10-Stub (225MM BC) Hub Piloted, Flanged Nut, Metric Mount, 6.00 DC Rims; With Steel Hubs
 Front Tire: 07779440101
 Description: TIRES, 225/70R19.5 G647 RSS (GOODYEAR) 640 rev/mile, load range G, 14 ply
 Steering Gear: 0005PSN
 Description: STEERING GEAR, {Sheppard MD83} Power

Turning Radius Statistics

General Information

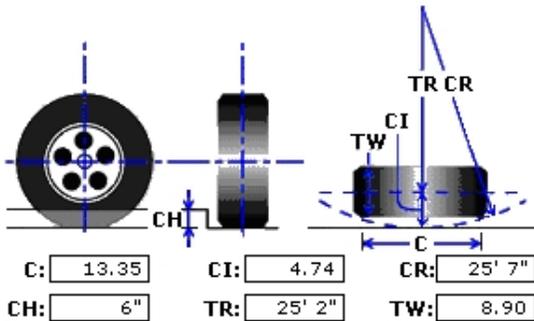
Inside Turn Angle: 50 Degrees
 Radial Overhang: 15.7

Axle Information

KingPin Inclination: 9 Degrees
 KingPin Center: 62.71

Turning Radius - Curb View

C - Curb Contact Length: 13.35
 CI - Curb Clearance Increment: 4.74
 CR - Curb Clearance Radius: 25'7"
 CH - Curb Height: 6"
 TR - Turning Radius: 25'2"
 TW - Tire Width: 08.90



* All Measurements are in inches, unless otherwise specified.

This information is based on engineering information available at this time. Actual figures may vary. Navistar, Inc. cannot accept liability for consequences due to this variance.

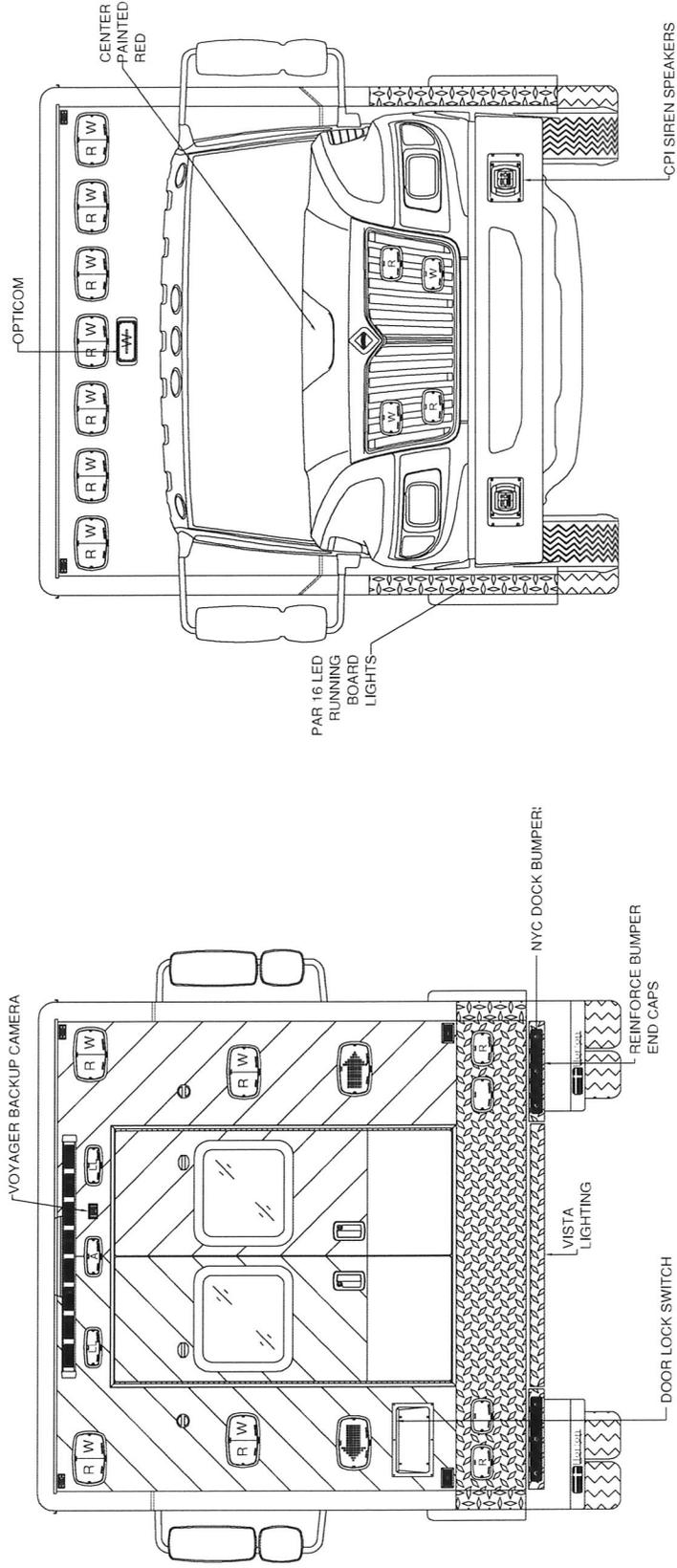
FOSTER TERRASTAR DEMO

16113

REVISIONS		
REV	DESCRIPTION	DATE
A	623 EXTERIOR	1-20-14

DRAWN BY: JAW

623 PT EXTERIOR TERRASTAR CHASSIS



NOTE: DRAWINGS ARE FOR GRAPHICAL REPRESENTATION ONLY
DIMENSIONS ARE APPROXIMATE & MAY VARY DURING CONSTRUCTION

SPECIFICATION DRAWING

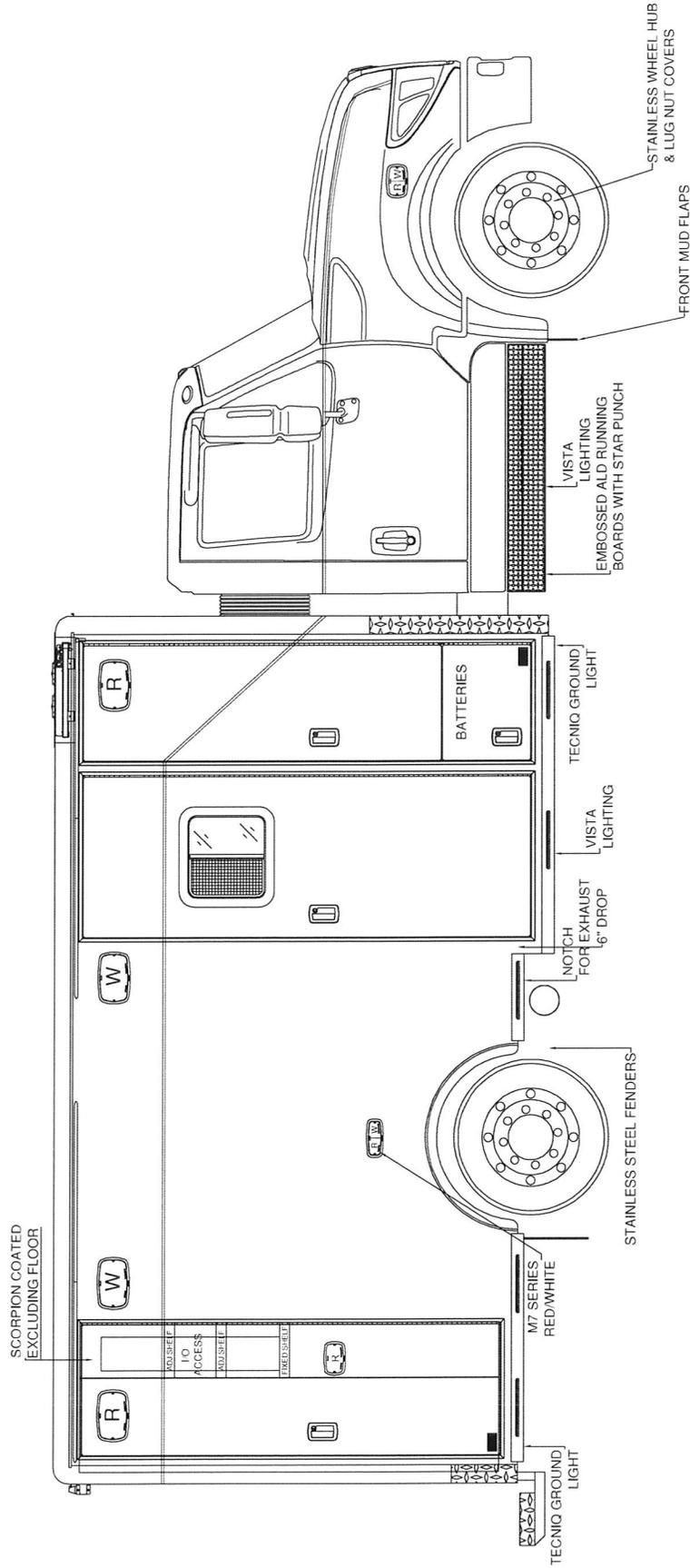
FOSTER TERRASTAR DEMO

161113

REVISIONS		
REV	DESCRIPTION	DATE
A	623 EXTERIOR	1-20-14

DRAWN BY: JAW

623 PT EXTERIOR TERRASTAR CHASSIS



COMPT	INSIDE WIDTH	INSIDE HEIGHT	INSIDE DEPTH	CLEAR OPENING WIDTH	CLEAR OPENING HEIGHT
CS REAR	29.61	83.63	21.36	25.09	82.66
CS FWD	28.00	64.00	32.25	22.13	88.66

NOTE: DRAWINGS ARE FOR GRAPHICAL REPRESENTATION ONLY
DIMENSIONS ARE APPROXIMATE & MAY VARY DURING CONSTRUCTION

SPECIFICATION DRAWING

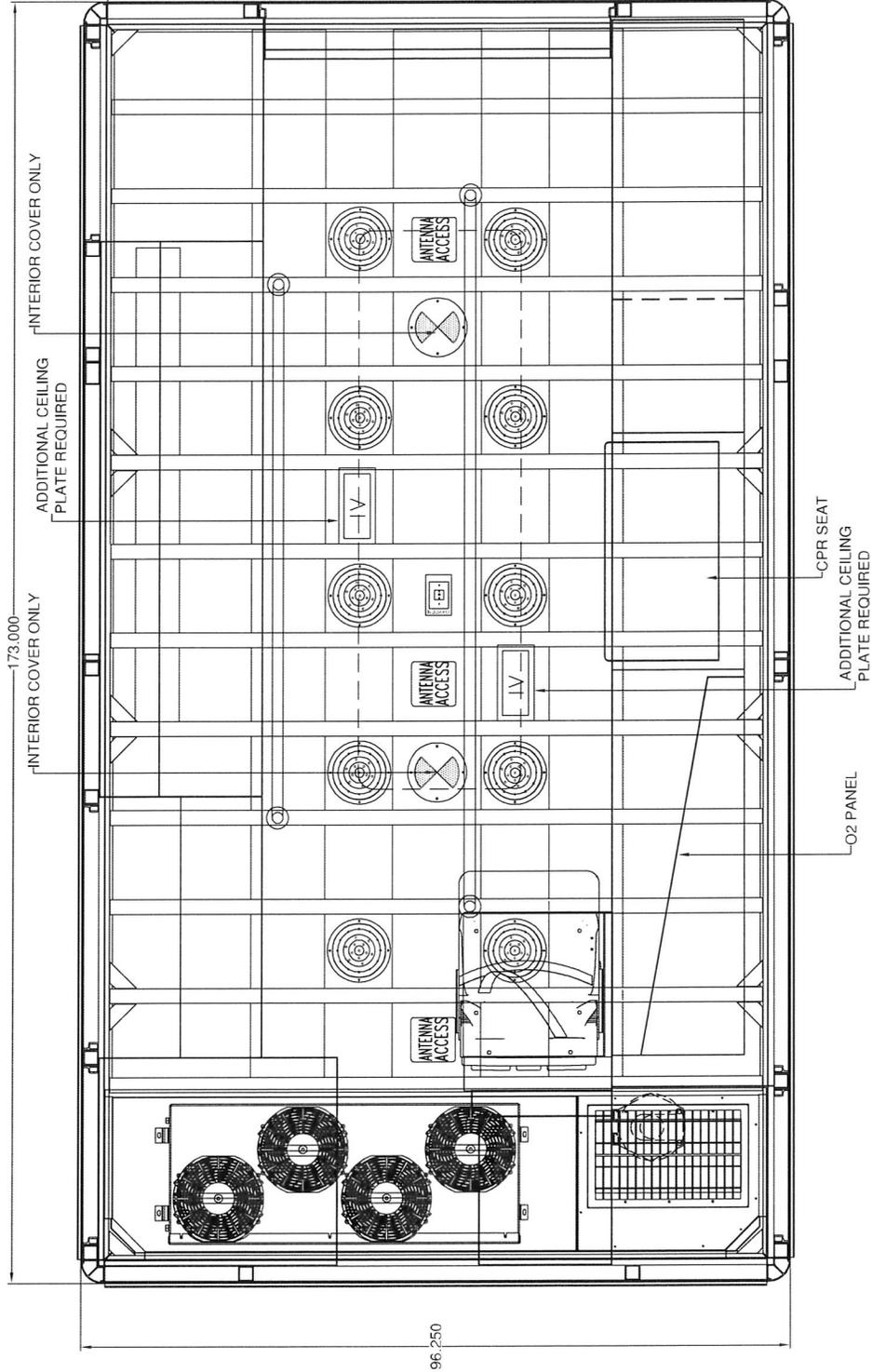
FOSTER TERRASTAR DEMO

161113

REVISIONS		
REV	DESCRIPTION	DATE
A	623 WT OVERHEAD B	1-20-14

DRAWN BY: JAW

623 PT OVERHEAD "B" WITH CPR SEAT TERRASTAR CHASSIS



FRONT

SPECIFICATION DRAWING

NOTE: DRAWINGS ARE FOR GRAPHICAL REPRESENTATION ONLY. DIMENSIONS ARE APPROXIMATE & MAY VARY DURING CONSTRUCTION.

FOSTER TERRASTAR DEMO

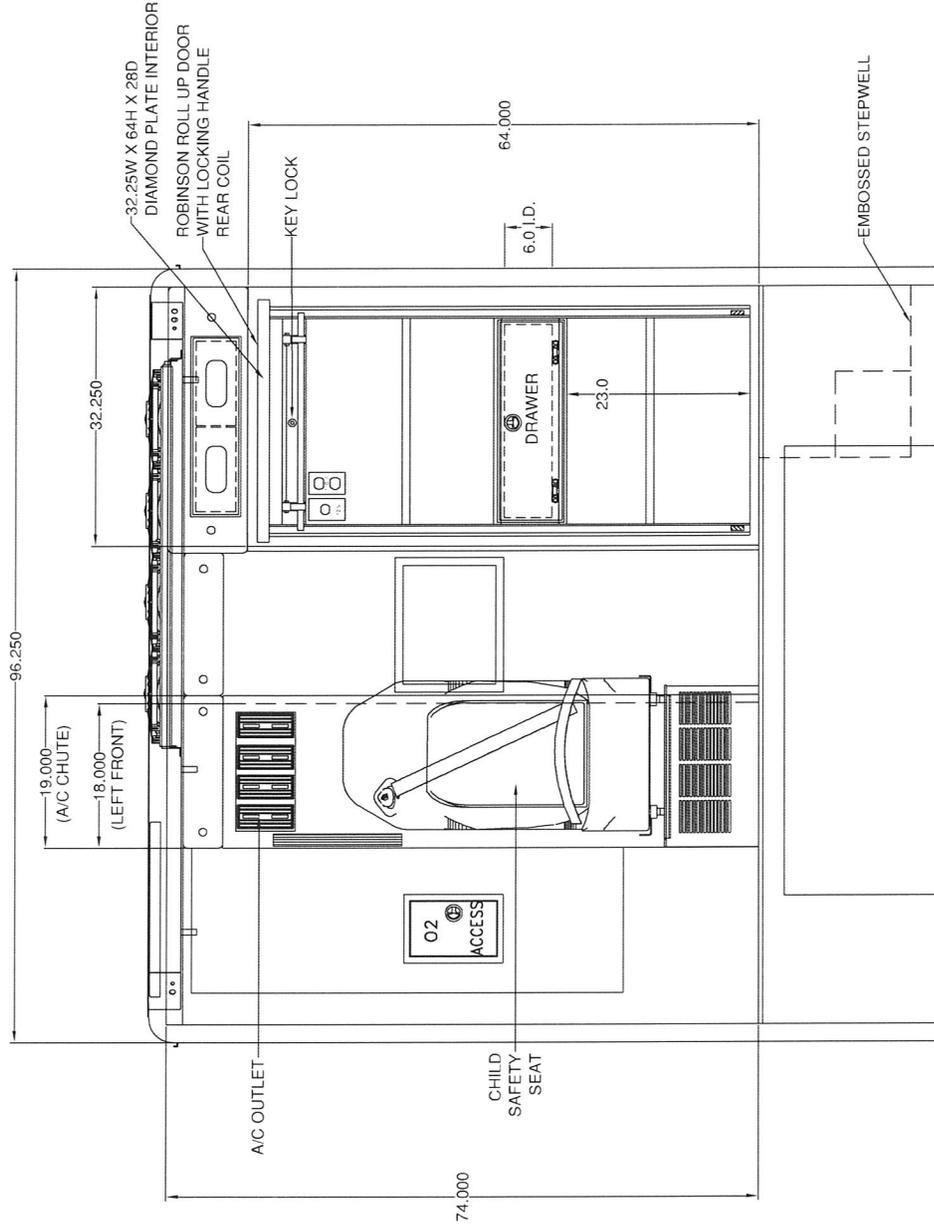
16113

REV	DESCRIPTION	DATE
A	623 WT FRONT WALL	1-20-14

REVISIONS
DRAWN BY: JAW

623 PT FRONT WALL TERRASTAR CHASSIS

ALL CUSHIONS TO BE EYS VACUUM FORMED
ALL VACUUM FORMED UPHOLSTERY TO BE ATTACHED USING VELCRO - NO PINS OR CLIPS TO BE USED
CLOSE OUTS TO BE COVERED IN MATCHING VINYL AND INSTALLED PER HORTON STANDARD



SPECIFICATION DRAWING

NOTE: DRAWINGS ARE FOR GRAPHICAL REPRESENTATION ONLY
DIMENSIONS ARE APPROXIMATE & MAY VARY DURING CONSTRUCTION

FOSTER TERRASTAR DEMO

16113

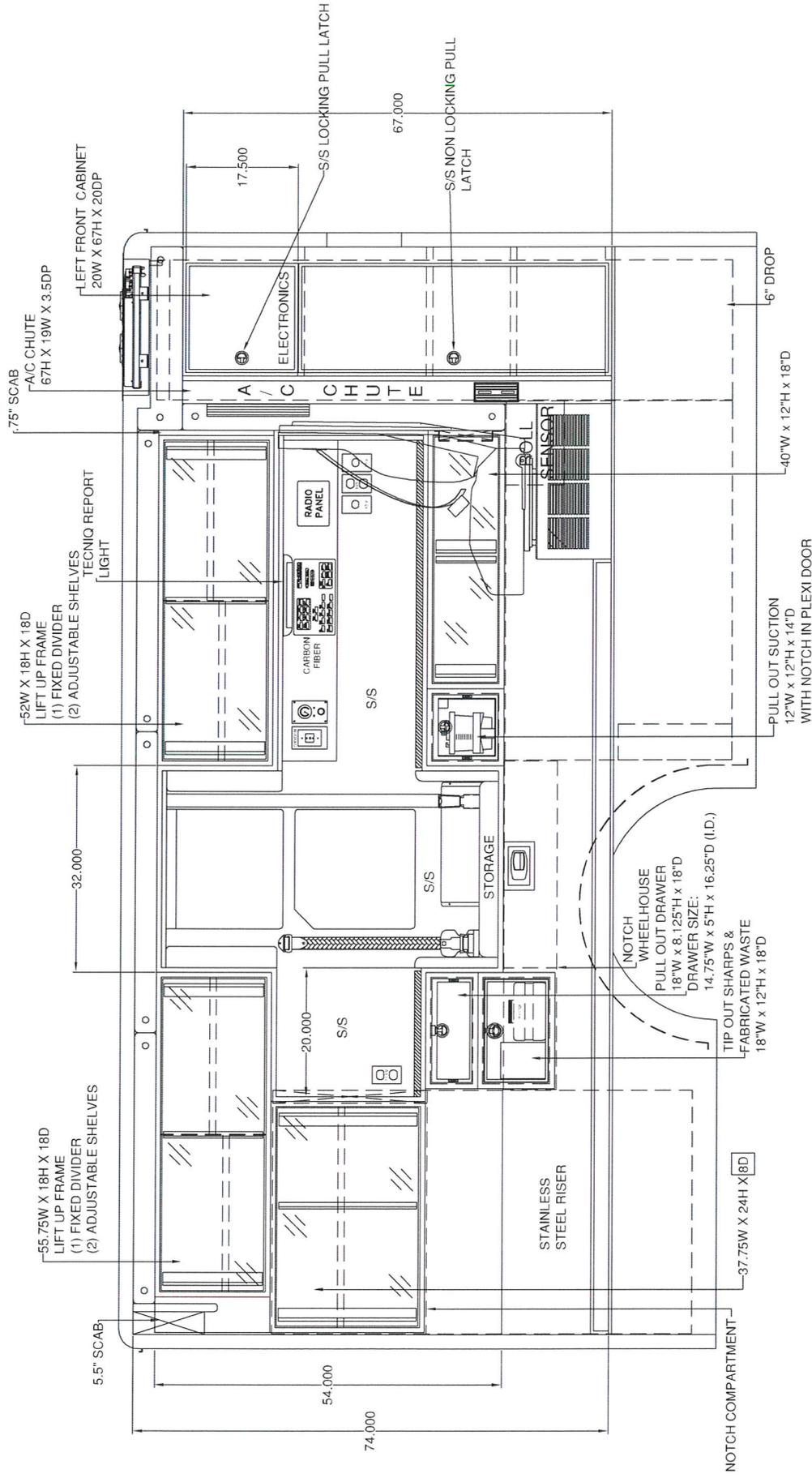
REVISIONS		
REV	DESCRIPTION	DATE
A	623 WT CABINET WALL B	1-20-14

DRAWN BY: JAW

623 PT CABINET WALL "B" TERRASTAR CHASSIS

ALL CUSHIONS, TO BE EVS VACUUM FORMED
 ALL VACUUM FORMED UPHOLSTERY TO BE ATTACHED USING VELCRO - NO PINS OR CLIPS TO BE USED
 CLOSE OUTS TO BE COVERED IN MATCHING VINYL AND INSTALLED PER HORTON STANDARD

LED LIGHTING IN ALL MAIN WALL CABINETS



NOTE: DRAWINGS ARE FOR GRAPHICAL REPRESENTATION ONLY
 DIMENSIONS ARE APPROXIMATE & MAY VARY DURING CONSTRUCTION

SPECIFICATION DRAWING

FOSTER TERRASTAR DEMO

161113

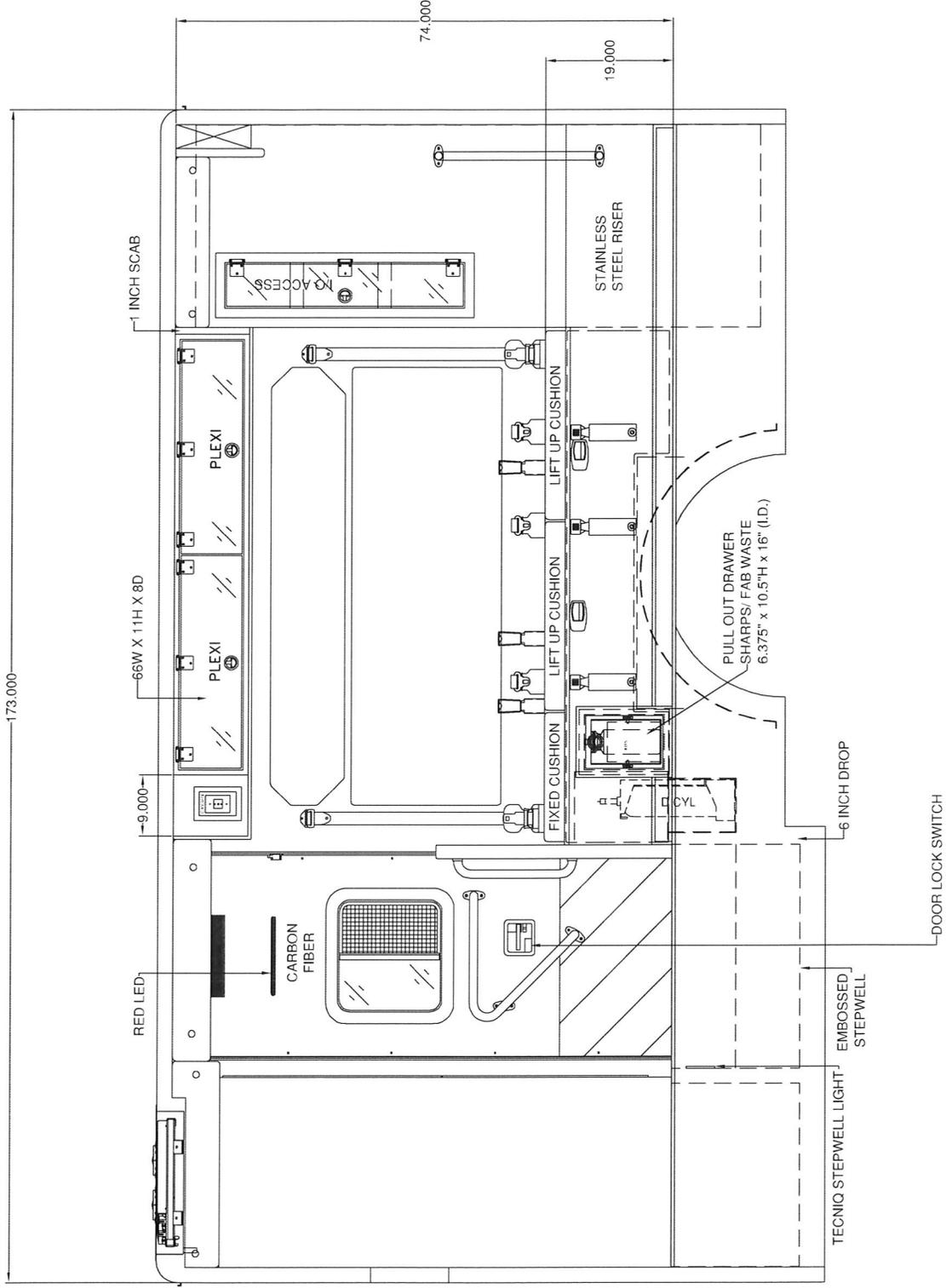
REVISIONS		
REV	DESCRIPTION	DATE
A	623 WT SIDE WALL	1-20-14

DRAWN BY: JAW

623 PT SIDE WALL TERRASTAR CHASSIS

ALL CUSHIONS TO BE EVS VACUUM FORMED
ALL VACUUM FORMED UPHOLSTERY TO BE ATTACHED USING VELCRO - NO PINS OR CLIPS TO BE USED
CLOSE OUTS TO BE COVERED IN MATCHING VINYL AND INSTALLED PER HORTON STANDARD

LED LIGHTING IN ALL BENCH WALL CABINETS



SPECIFICATION DRAWING

NOTE: DRAWINGS ARE FOR GRAPHICAL REPRESENTATION ONLY
DIMENSIONS ARE APPROXIMATE & MAY VARY DURING CONSTRUCTION

FOSTER TERRASTAR DEMO

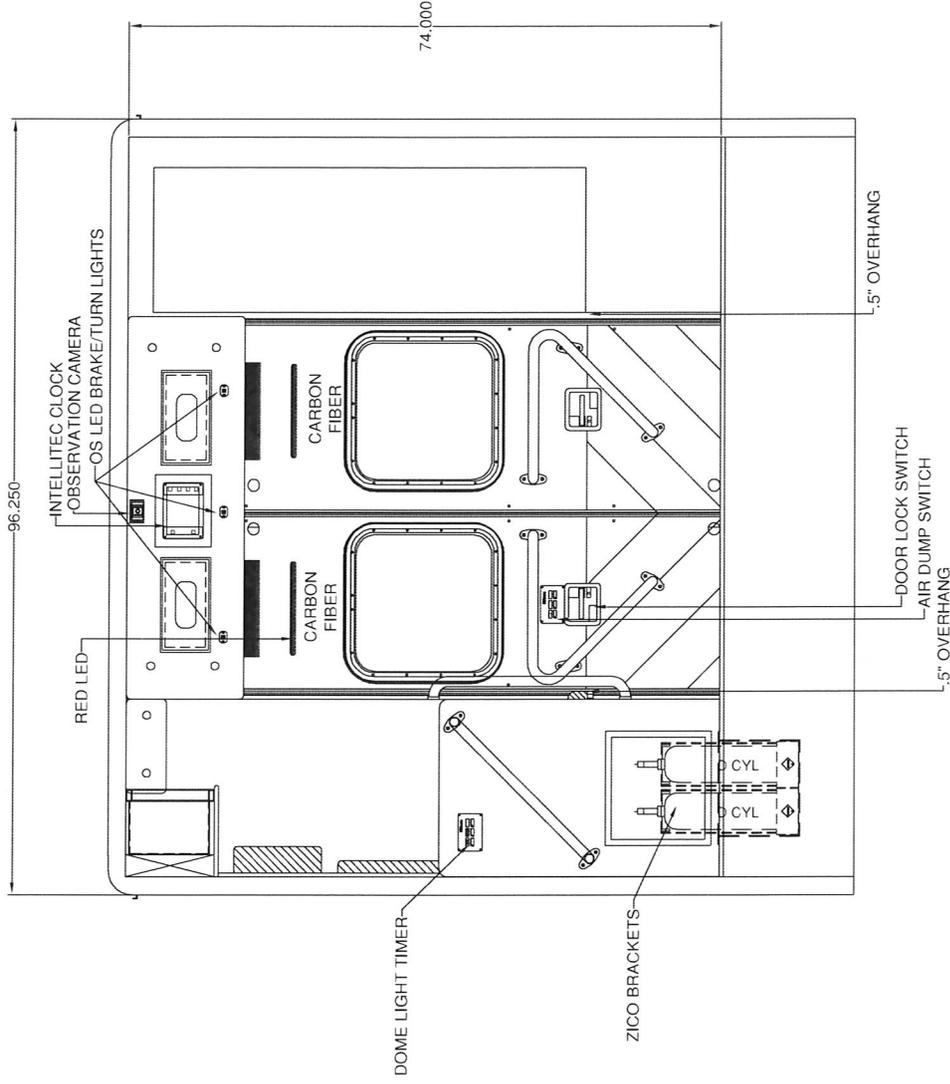
16113

REVISIONS		DATE
REV	DESCRIPTION	
A	623 REAR WALL	1-20-14

DRAWN BY: JAW

623 PT REAR WALL TERRASTAR CHASSIS

ALL CUSHIONS, TO BE EVS VACUUM FORMED
ALL VACUUM FORMED UPHOLSTERY TO BE ATTACHED USING VELCRO - NO PINS OR CLIPS TO BE USED
CLOSE OUTS TO BE COVERED IN MATCHING VINYL AND INSTALLED PER HORTON STANDARD



NOTE: DRAWINGS ARE FOR GRAPHICAL REPRESENTATION ONLY
DIMENSIONS ARE APPROXIMATE & MAY VARY DURING CONSTRUCTION

SPECIFICATION DRAWING

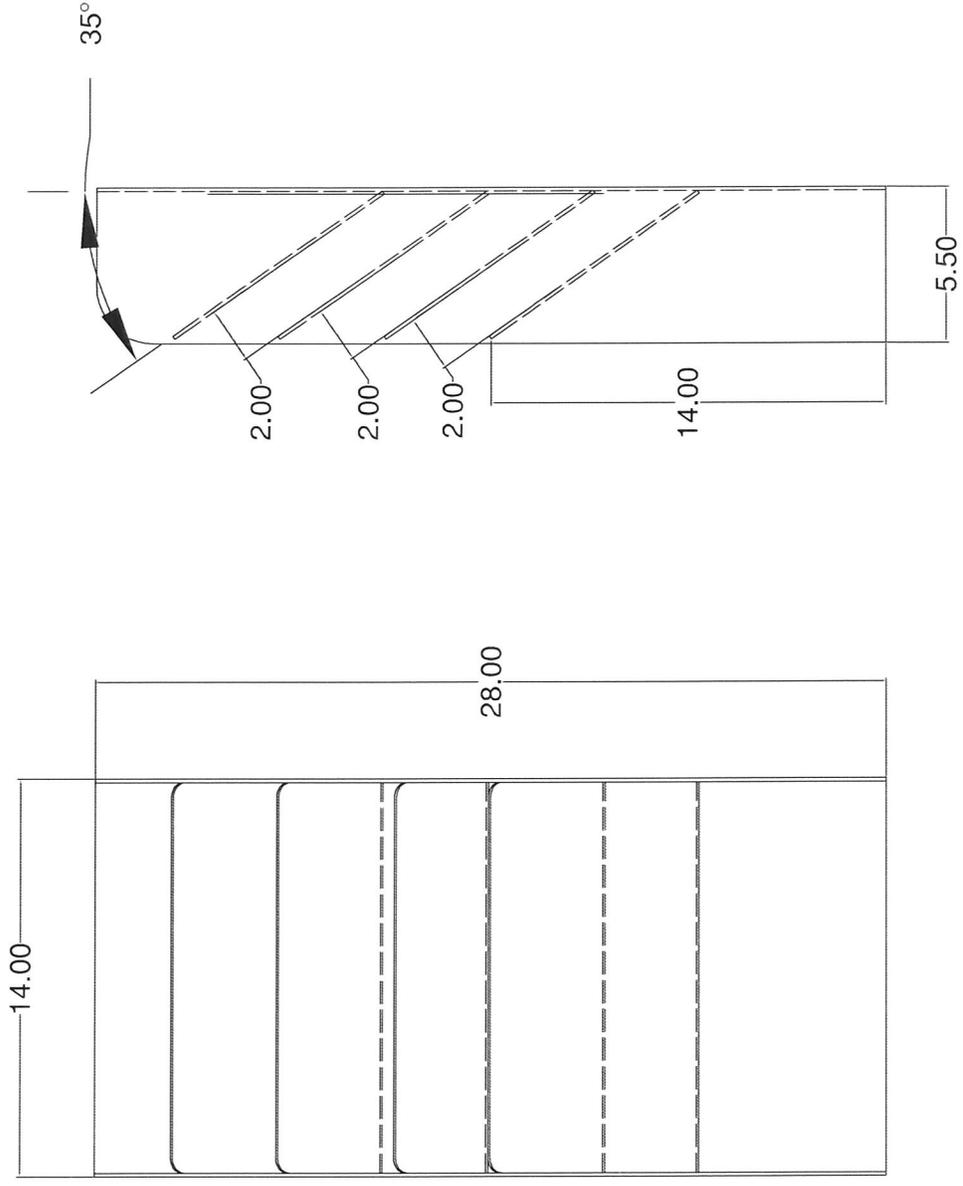
FOSTER TERRASTAR DEMO

16113

REVISIONS		
REV	DESCRIPTION	DATE
A	CONSOLE DRAWING	1-21-14

DRAWN BY: JAW

MAP BOOK HOLDER TO BE SCORPION COATED



SPECIFICATION DRAWING

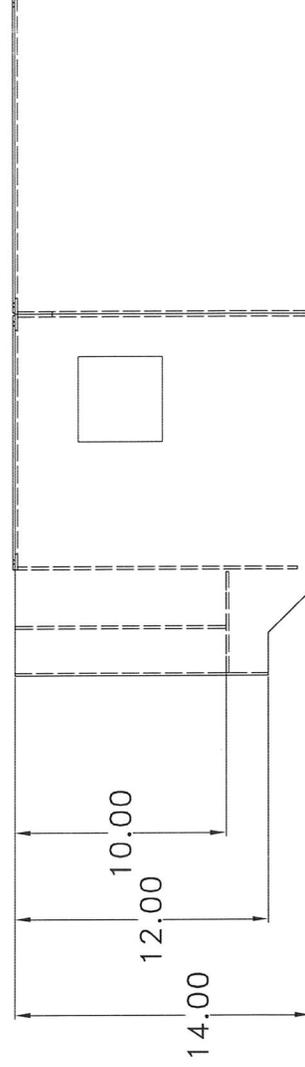
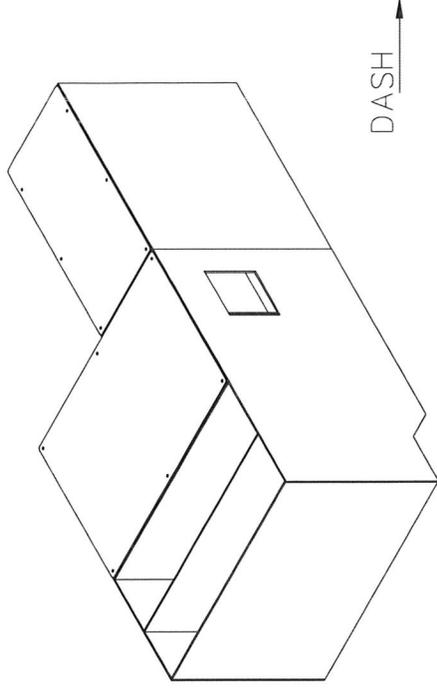
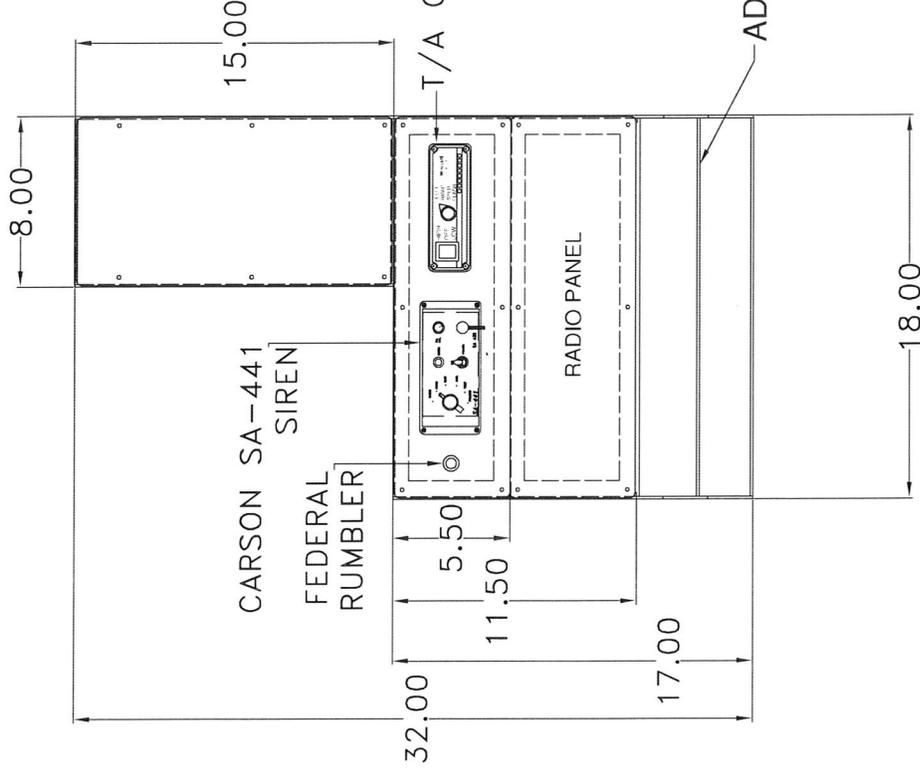
FOSTER TERRASTAR DEMO

161113

REVISIONS	
REV	DESCRIPTION
	DATE
	CONSOLE DRAWING
	1-21-14

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TERRASTAR STD CONSOLE CARBON FIBER FACE PLATES



TOP VIEW

BLACK SCORPION-COATED

SIDE VIEW

SPECIFICATION DRAWING

