May 18, 2015

Ra 3141

Kenworth of Central Florida
1800 N. Orange Blossom Trail
Orlando, FL. 32804
407-425-3170 Ext 106
Prepared by: Rich Sgueglia

City of Orlando
1010 South Westmoreland drive
Orlando, FL 32805
407-719-5549
Prepared for: Daryl Greenlee

Florida Sheriffs Bid 14-12-0904
Spec # 14 - 52,000lb GVW Truck
(1) Kenworth T800 Cab and Chassis
(1) Kenworth T880 Upgrade

Code	Bid Specification – Options	Price	Extension
Base Specification	2015 Kenworth T800 truck	102,565.00	102,565.00
70060	T880 Cab	3,960.00	3,960.00
125805	ISX12-G 400hp 1,450 ft/lb	25,484.00	25,484.00
OPTION #2	(2) 30DGE tank and (1) 30DGE tank CNG SYSTEM	47,250.00	47,250.00
2015158	Allison 4500RDS Transmission	14,103.00	14,103.00
6141600	Double Frame: full steel insert	1,758.00	1,758.00
2506181	Front Axle: 20,000 lb. Rating	5,132.00	5,132.00
3144172	Rear Axle: 46,000 lb. Rating	2,197.00	2,197.00
3808119	Steerable Lift Axle	9,328.00	9,328.00
		0.00	0.00
3532194	Driver controlled differential lock	1,531.00	1,531.00
5205B	Palfinger Epsilon Q150Z84 TI Grapple Loader	164,411.00	164,411.00
	Top Seat	0.00	0.00
	American Roll-Off ARL-75 Roll-Off	0.00	0.00
AUTLUBE	Autolube system lube core	7,304.00	7,304.00
Telma	Telma on CNG T880 Chassis	11,990.00	11,990.00
		0.00	0.00
WT	Window Tint	152.00	152.00
224095	Warranty: ISX-G 5yr/150K PP1	2,116.00	2,116.00
4500yr	Allison 5 year Warranty	754.00	754.00
		0.00	0.00
Note: All Options	**Include 3/4 % Florida Sheriffs Admin Fee**		
Reference:	**Kenworth Specs Pages: 513 – 519** **Total price**	$400,035.00	$400,035.00

Kenworth of Central Florida K680
1800 North Orange Blossom Trai

Orlando, Florida United States 32804
Phone:
Fax:
Email:

CITY OF ORLANDO
1010 South Westmoreland Drive

Orlando, Florida United States 32805
Phone: (407) 719-5549
Fax:
Contact Email:
Prepared for: Daryl C Greenlee

Vehicle Summary

Unit

Model:	T880 Series Conventional
Type:	FULL TRUCK
Description:	T880 Triaxle

Application

Intended Serv.:	Refuse packer. Vehicles which pick up refuse or
Commodity:	Refuse/recycled material

Body

Type:	Refuse loader/packer
Length (ft):	30.0
Height (ft):	13.5
Max Laden Weight (lbs):	4000

Trailer

No. of Trailer Axles:	0
Type:	
Length (ft):	0.0
Height (ft):	0.0
Kingpin Inset (in):	0
Corner Radius (in):	0

Restrictions

Length (ft):	120
Width (in):	102
Height (ft):	13.5

Chassis

Fr Axle Load (lbs):	20000
Rr Axle Load (lbs)	46000
G.C.W. (lbs):	70000
Road Conditions:	
Class A (Highway)	15
Class B (Hwy/Mtn)	85
Class C (Off-Hwy)	00
Class D (Off-Road)	00
Maximum Grade:	6
Wheelbase (in):	306
Overhang (in):	66
Fr Axle to BOC (in):	68
Cab to Axle (in):	238
Cab to EOF (in):	304
Overall Comb. Length (in):	414

Special Req.

U.S. Domestic Registry, 50-State

Approved by: _____ **Date:** _____

Note: All sales are F.O.B. designated plant of manufacture.

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Unpublished options may require review/approval.
Dimensional and performance data for unpublished options may vary from that displayed in PROSPECTOR.

Printed:	5/18/2015 11:47:01 AM	*Complete*	Model Number:	T880 Series Conventional
Effective Date:	Aug 1, 2014		Quote/DTPO/CO:	Q72068154
Prepared by:	Administrator		Version Number:	34.40

KENWORTH

Kenworth of Central Florida K680
1800 North Orange Blossom Trai

Orlando, Florida United States 32804
Phone:
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Prepared for: Daryl C Greenlee

Data	Code	Description	$ List	Weight
Model				
0000810	O	**T880 Series Conventional**	151,320	15,312
0070032	O	**T880 ISX12G Engine**	0	0
0080085	O	**CARB Idle - Alternative fuel exempt from CARB** anti-idle.	0	0
0090048	O	**T880 Non Sleeper ISX12G Engine.**	0	0
0091260	O	**Refuse/recycled material**	0	0
0093095	O	**Refuse packer. Vehicles which pick up refuse or** recycled material from curbside containers in residential areas. Operation typically includes very frequent stops & starts. Unloading can be at transfer station or at landfill. Road usage: some Class B required, with maximum of 5% Class D.	0	0
0095070	O	**Refuse loader/packer**	0	0
0098025	O	**U.S. Domestic Registry, 50-State**	0	0
Engine & Equipment				
0125805	O	**ISX12 G 400 2013 400@1800 1450@1100,** Gov@ 2100 Diagnostic Plug for data link, Oil Cooler, Aluminum Flywheel Housing. Includes Coolant Loop for fuel system. N09200 N205 120..Standard Maximum Speed Limit [LSL] N09220 N207 0....Expiration Distance N09240 P13 120..Hard Maximum Speed Limit N09260 P14 64...Maximum Accelerator Pedal Vehicle Speed N09280 P16 0....Accelerator Lower Droop N09300 P19 65...Maximum Cruise Speed N09320 P38 0....Cruise Control Lower Droop N09360 N203 252..Reserve Speed Function Reset Distance N09380 N202 0....Maximum Cycle Distance N09400 N206 0....Maximum Active Distance N09420 N201 0....Reserve Speed Limit Offset N09440 P11 Yes..Engine Protection Shutdown N09460 P06 No...Gear Down Protection N09480 P26 1400.Max PTO Speed N09500 P02 No...Cruise Control Auto Resume N09520 P04 No...Auto Engine Brake in Cruise N09540 N209 0....Expiration Distance N09560 P520 Yes..Enable Idle Shutdown Park Brake Set N09580 P32 5....Timer Setting N09600 P233 Yes..Enable Impending Shutdown Warning	37,523	-55

N09620 P234 60...Timer For Impending Shutdown Warning
N09640 P516 35...Engine Load Threshold
N09680 P33 No...Idle Shutdown Manual Overrule
N09720 P230 Yes..Enable Hot Ambient Automatic Overrule
N09740 P46 40...Low Ambient Temperature Threshold
N09760 P56 60...Intermediate Ambient Temperature Threshold
N09780 P47 80...High Ambient Temperature Threshold

1000155	O	**Prospector version 35.0 Supersedes 34.0**	0	0
1000684	O	**Effective VSL Setting NA**	0	0
1000857	O	**Engine Idle Shutdown Timer Enabled**	0	0
1000859	O	**Enable EIST Ambient Temp Overrule**	0	0
1000860	O	**Enable EIST in PTO Mode** Use only with MX and Cummins engines	0	0
1000891	O	**Eff EIST NA Expiration Miles** Use only with MX and Cummins engines	0	0
1002060	O	**Air compressor: Cummins 18.7 CFM, Cummins, PACCAR** PX engines.	0	0
1051200	S	**Air Cleaner: composite firewall mounted PACCAR or** Cummins engines	0	0
1123555	S	**Cooling module: 1330 square inches. On-off fan** hub, nylon fan blade, translucent top tank, air-to-air heat exchanger/aftercooler, silicone hoses w/constant torque clamps, long life coolant.	0	0
1160208	O	**Radiator bug screen mounted between hood &** grille.	112	2
1247016	O	**Exhaust: single horizontal catalyst CNG** single horizontal tailpipe.	0	0
1323059	O	**Rail mounted Natural Gas fuel filter** For spark ignited ISL9G and ISX12G engines	0	0
1504005	O	**Immersion block heater 120V 1500W w/plug under** door on T700, C500, T660, T800 & W900.	96	2
1816200	O	**Alternator: Bosch 200 amp, brush type**	135	0
1821275	O	**Batteries: 3 AGM GP31 THR (925) 2775 CCA. For** T680 & T880 in cab battery box only.	362	0
1836100	S	**Starter: PACCAR 12 volt electrical system. W/** centralized power distribution incorporating plug-in style relays. Circuit protection for serviceability, 12-volt light system w/circuit protection circuits number & color coded.	0	0
1900082	O	**Multi-function engine connector for body builder** interface for Cummins. T680/T880: This feature is standard, no code required.	54	0
1900976	O	**Body builder harness to EOF for customer** installed remote throttle control. This does not include J1939 harness for communicating with 2010 engines. Requires either code 1900082 or 1900084.	73	2

Transmission & Clutch

2016158	O	**Transmission: Allison World 4500RDS 6-speed** w/o retarder, w/PTO provision. 5th generation. For vocational applications. Includes shift control, transmission oil temperature gauge, oil level sensor & heat exchanger. Transynd transmission fluid is standard on all Allison 1000, 2000, 3000 & 4000 series transmissions.	24,253	385
2405427	O	**Driveline: 4 heavy-duty 3 centerbearing.** N2400 A Telma Driveline Retarder N2401 will be Installed	2,608	291

2410018	O	**Torque converter included w/Allison** Transmission.	0	0
2410151	O	**Pushbutton control center console mounted.** Class 8 with Allison Transmission.	0	0
2410203	O	**Allison FuelSense Base: Includes EcoCal, 5th Gen** Controls, and Dynamic Shift Sensing	0	0
2410244	O	**J1939 Park Brake Auto Neutral**	0	0
Front Axle & Equipment				
2506181	O	**Dana Spicer D2000 Front Axle rated 20K** standard track.	2,179	150
2621078	O	**Front Brakes: 22K Bendix ES S-cam 16.5x6 in.**	-341	-56
2690035	O	**Front Brake Drum: 22,000 lbs. 16-1/2x6 in. Cast.**	-105	103
2702020	O	**Front Hubs Iron hub pilot 20,000 lbs. 10 Bolt** 16.5x6in. or 7in. or air disc brakes. 10 Bolt, 11-1/4 in. bolt circle. Consider Wheelguards (5850002) with aluminum wheels.	278	86
2741970	S	**ConMet PreSet Plus Hub package; front axle.**	0	0
2750001	S	**Hubcap: front vented.**	0	0
2765001	O	**Front Auto Slack Adjuster.**	0	0
2866020	O	**Front Springs: Taperleaf 20K w/ shock absorbers** w/ maintenance-free elastomer spring pin bushings. Standard with rubber pins except for C500 which has threaded pins. W900S only. Not available on W900L. W900B use 2866021.	1,101	234
2895302	O	**Dual power steering gear: 16-22K Sheppard HD94.** Heavy duty. Not for use on T3.	1,064	73
2899336	O	**Power Steering Cooler: Radiator mounted air to** oil 2007+ engines only. 2899362 is optional w/ 2006 or 2007 engines.	323	11
2900616	O	**Threaded Bushings for taperleaf spring** 16K, 18/20K, 22K, 40K replacing rubber.	99	0
Rear Axle & Equipment				
3144172	O	**Dual Dana Spicer D46-170H rear axle rated at 46K.** w/ 16mm housing and 2.06in. shaft diameter. Tandem rear axles.	3,387	577
3200557	O	**Rear Axle Ratio - 5.57.**	0	0
3334004	S	**Dual Rear Brakes 16-1/2x7 in. to 46K;** Bendix ES-extended service S-cam.	0	0
3392005	S	**Dual Rear Brake Drums: cast.**	0	0
3407050	S	**Dual Rear Hubs: Aluminum hub pilot 46K** 11-1/4 in. bolt circle.	0	0
3441972	S	**ConMet PreSet Plus Hub package; dual rear axle.**	0	0
3465002	S	**Dual Rear axle automatic slack adjusters.**	0	0
3485209	S	**Spring Brake: 3030 high output dual.**	0	0
3495226	S	**Bendix 4S/4M anti-lock brake system.**	0	0
3532194	O	**Wheel Differential Lock for Dana Spicer axles** D40-170(P)/D46-170(H)(P)(WT) forward rear axle & rear rear axle.	2,235	112
3573111	O	**Separate switch for dual axles:** differential lock or crosslock.	103	0
3749209	O	**Rear suspension: Tandem Chalmers 854-46-H 46K.** 54 in. axle spacing. Unladen Height: 12.5 in. Laden Height: 10.1 in. Standard restrictor can.	4,122	110
3808119	O	**1 Steerable Pusher Watson-Chalin Tru Track 13.5K** SL1190SSR Alumilite; includes axle.	10,588	1,271
3820036	O	**1 Steerable Pusher Brakes: Bendix Non-RSD 15x4**	0	0

		Use with 13.5Kaxle.		
3820523	O	**1 Steerable Pusher brake drum 15x4 for use with** 13.5K axle.	-16	0
3821121	O	**1 Steerable pusher hubs aluminum hub pilot** for use with 13.5K axle.	0	0
3828399	U	**PSHR/TAG:GAU/FLIP VLV/PRESS REG DASH MT** N3820 Please use code 3828331	0	0
3832026	O	**Chalmers shock absorbers. 52K and under** suspension.	446	35
3841054	O	**1st Pusher location: 54 in. from c/l Forward** tandem axle or single rear axle.	0	0
Tires & Wheels				
4038722	O	**Front tires: Goodyear G296 MSA DuraSeal** 425/65R22.5 20PR. 44.4 in. diameter 20.6 in. SLR. all position. On/Off highway. Wide-base tire.	855	148
4238810	O	**Rear tires: 2 Goodyear G751 MSA 12R22.5 16PR** 42.0in. diameter. Steer/all position on/off highway tire. 20.3 SLR.	2,204	288
4781357	O	**1 steerable pusher: 2 Goodyear G661 HSA 295/75R** 22.5 14PR. 40.6 in. diameter, all position. For P&D & construction vocations. 19.0 in. SLR.	-124	16
4900008	O	**Rear Tire Quantity: 8**	0	0
5045216	O	**Front wheel: Alcoa 82362 22.5x12.25 aluminum,** with Lvl One [TM] finish, hub pilot mount. 11400lb. maximum rating. Super single. Standard track axles may be over 102 in. w/425 tires. Air disc brake compatible.	733	-10
5242285	O	**Rear wheel: Accuride 50344 22.5x8.25 steel** Steel Armor[TM] powder coat, hub pilot mount. Heavy-duty 5 hand-hole hub pilot mount. Code is priced per pair of wheels.	316	104
5781185	O	**1 steerable pusher wheel: 2 Accuride 50344** 22.5x8.25. Steel Armor[TM] powder coat, hub pilot mount. 8000lb. maximum rating. 5-hand holes.	79	26
5900008	O	**Rear Wheel/Rim Quantity: 8**	0	0
Frame & Equipment				
6056600	O	**Frame Rails: 10-3/4 x 3-1/2 x 3/8in. Steel 337in.** to 416 in. Truck frame weight is 3.48 lb.-in. per pair of rails. Section modulus is 17.80, RBM is 2,132,000 in-lbs per rail. Frame rail availability may be restricted based upon application, axle/suspension capacity, fifth wheel setting, or component/dimensional specifications. The results of the engineering review may result in a change to the requested frame rail. If a change is required Kenworth Application Engineering will advise the dealer of the appropriate material specification for a substitute rail. N6050 Outside Clear Frame Both Sides N6051 From Rear Under Cab Components N6052 To front Tandem Axle	760	671
6141600	O	**Full Steel Insert: for 10-5/8 in. or 10-3/4 in.** Steel 337 in. to 416 in. or 2nd insert for 11-5/8 in. steel frame. Adds 1,149,000 in-lb to main rail RBM. Truck insert weight is 2.05 lb.-in. per pair of rails. Full frame insert length is equal to wheelbase plus rear frame cutoff plus dimension forward of front axle by model: T700, T660 and T800 = 21.26 in., C500B = bumper setting minus 0.79 in., W900B = 5.27 in., W900L = 1.50 in., W900S = 3.27 in., T440/T470 50 in. bumper setting = 21.26 in., T470 73 in. bumper setting = 72.3 in.	1,844	806
6301610	O	**Bumper: Stainless steel Clad straight aluminum** channel. Requires bumper setting code.	148	-11
6319485	O	**48.5 in. Bumper setting. Requires a bumper code.**	0	0

6321005	O	**Removable Front Tow Hooks: 2.**	257	15
6390103	S	**Front mudflaps.**	0	0
6391201	O	**Custom Frame Layout: one chassis** N6394 Clear Frame Space required N6395 From Back of Cab to Front of N6396 Lift Axle. Both Sides.	1,200	0
6397001	O	**Huck bolts throughout frame, where possible.**	227	0
6405000	O	**In-cab steel battery box: under rider seat or in** stand alone box. Requires appropriate AGM battery code, which varies by model, and appropriate rider seat code be selected prior to entering the workscreen. Includes 1 battery disconnect switch.	1,702	-9
6409906	O	**In-Cab battery box location: Under rider seat.**	0	0
6417002	O	**Cab access step: RH under mounted to frame.**	510	66
6418002	O	**Cab access step: LH under mounted to frame.**	510	66
6479902	O	**Toolbox location: RH side.**	0	0
6479905	O	**Second toolbox location: LH side.**	0	0
6721102	S	**Rear mudflap arms: Betts B-25 standard-duty,** straight. Includes B1732 mounting brackets as standard.	0	0
6722000	S	**Rear mudflap shields: White plastic antisail w/** Kenworth logo.	0	0
6741011	O	**Square end-of-frame w/ crossmember; non-towing.**	202	30
Fuel Tanks & Equip				
7210000	O	**Delete base model gallon aluminum fuel tank.** Hardware & plumbing deleted.	-1,070	-114
7884054	O	**CNG/LNG Frame Rail Mounted Tank**	0	0
7940000	O	**Delete Standard Fuel Tank Location** for use with CNG fuel system only	0	0
Cab & Equipment				
8025301	S	**Cab: Stamped aluminum cab with panoramic curved** glass windshield. Standard with stamped aluminum doors, heavy duty in-swinging hinges, and triple sealed doors. Manufactured using self-piercing rivets and structural adhesive. Includes LED exterior marker lights and turn signals.	0	0
8090605	S	**Hood: T880 MX 116.7 inch BBC** Fastened Fasteners.	0	0
8108011	S	**Daycab HVAC system with defrost, A/C, and 48,000** BTU/hr heater. Includes automatic temperature control with one touch defrost operation and dash mounted cab temperature and solar intensity sensors. Pleated fresh air filter & cabin recirculation air filter standard. The Kenworth HVAC system is designed to provide optimal heating and cooling in all operating environments without need for additional insulation.	0	0
8201013	S	**Steering wheel: 18 in. 4-spoke.**	0	0
8201200	O	**Adjustable telescoping tilt steering column.**	0	0
8203060	O	**5 sets of keys. Replaces standard 2 sets of keys.**	26	0
8208496	O	**Three spare switches: Wired to power.**	92	0
8225658	O	**Gauge: Axle oil temperature, dual-drive axle.** (2 gauges) w/integral warning light.	112	0
8282016	O	**KW Instr. PKG With 8 STD Gauges, For Natural Gas** No Def Gauge, Fuel Gauge Without ULSDF Text. ULSDF is Ultra Low Sulfur Diesel Fuel.	0	0
8282107	O	**Large flat panel on dash For customer-installed**	38	0

		controls. Reduces gauge count by 6.		
8300008	S	**Interior color: Slate Gray**	0	0
8330102	S	**Interior package: Vantage daycab** Includes durable headliner and vinyl sidewalls with geometric patterned trim and anodized aluminum accents throughout. Convenient overhead storage cubbies, full size glove box, two center console cupholders, and large door pad map pocket. Standard LH/RH power windows, electric door locks, interior LED lighting, nighttime-friendly red ambient lighting for dash and footwell, and door mounted courtesy light. Includes two standard 12V power outlets. Driver sunvisor includes strap.	0	0
8410200	O	**DR Seat: GT701 HB with Vinyl material.** The GT701 is standard with a single air bag, scissor linkage seat suspension. It includes a single chamber lumbar support, 10in Fore/Aft adjustment, 7in Up/Down adjustment, 2.5in pan extension, 51 degree seat back recline, and 16 degree full seat tilt. Includes 3-point matching seat belts. DR seat standard w/ dual armrests.	-75	0
8480110	O	**RD Seat:GT100 Battery/Utility Box HB With Vinyl** Material. The GT100 seats are standard with fixed base. Includes 3-point matching seat belts.	-153	20
8490187	S	**Seat color: Slate Gray with Gray stitching.**	0	0
8496559	O	**Driver and Rider Seat Belts: Orange Seat Belts.** Replacing standard color.	29	0
8601421	O	**Kenworth Radio with AM/FM/WB/USB and Bluetooth**	395	4
8699926	O	**CB installation kit: Center mounted of header.** W/header mounted quick release CB mount. One red power post & one black ground post. Includes dual antenna leads located on the mirror brackets. Includes dual antenna & separate speaker.	230	2
8700168	S	**Non-self cancelling turn signal: W/column-mounted** headlight dimmer switch & intermittent wiper control.	0	0
8800402	S	**Dual cab-interior grabhandles: a-pillar mounted** dash-wrap and b-pillar mounted grabhandles	0	0
8832113	S	**Kenworth Daylite Door with standard LH/RH** electric door locks and LH/RH electric window controls.	0	0
8841618	O	**Dual rectangular air horn 23 in. LH & RH top of** roof. Includes air horn covers.	191	4
8850139	S	**Convex look-down mirror. Single 11in X 6in** mounted to passenger door with black housing. Non-Heated.	0	0
8850814	O	**Dual convex mirrors 8in. hood mounted. Chrome** AERO-style. LH/RH, and non-heated. T680/T880: Use code 8850144 to delete downward looking mirror over RH door when desirable.	264	9
8865002	S	**Aero Mirror: Dual Kenworth aerodynamic motorized** heated mirrors, 7in X 13in with cab color mirror shell and black mirror arms. Also includes LH/RH heated 6in X 7in convex mirrors. Mirror brackets set for 8-1/2 ft load width. Mirror controls located on driver side door pad.	0	0
8871446	S	**Rear cab stationary window 19in x 36in**	0	0
8890101	S	**One-piece bonded-in windshield with curved glass.** Standard.	0	0
8890135	O	**Exterior stainless steel sunvisor.**	754	19
8890348	O	**Wheelwell Fender Extension: 4.5 inches**	239	0
8890876	S	**Kenworth cab/sleeper air suspension.**	0	0
Lights & Instruments				
9010553	S	**Headlamps: SAE Dual Halogen Complex Reflector**	0	0
9022137	S	**Marker Lights: Five, rectangular, LED**	0	0

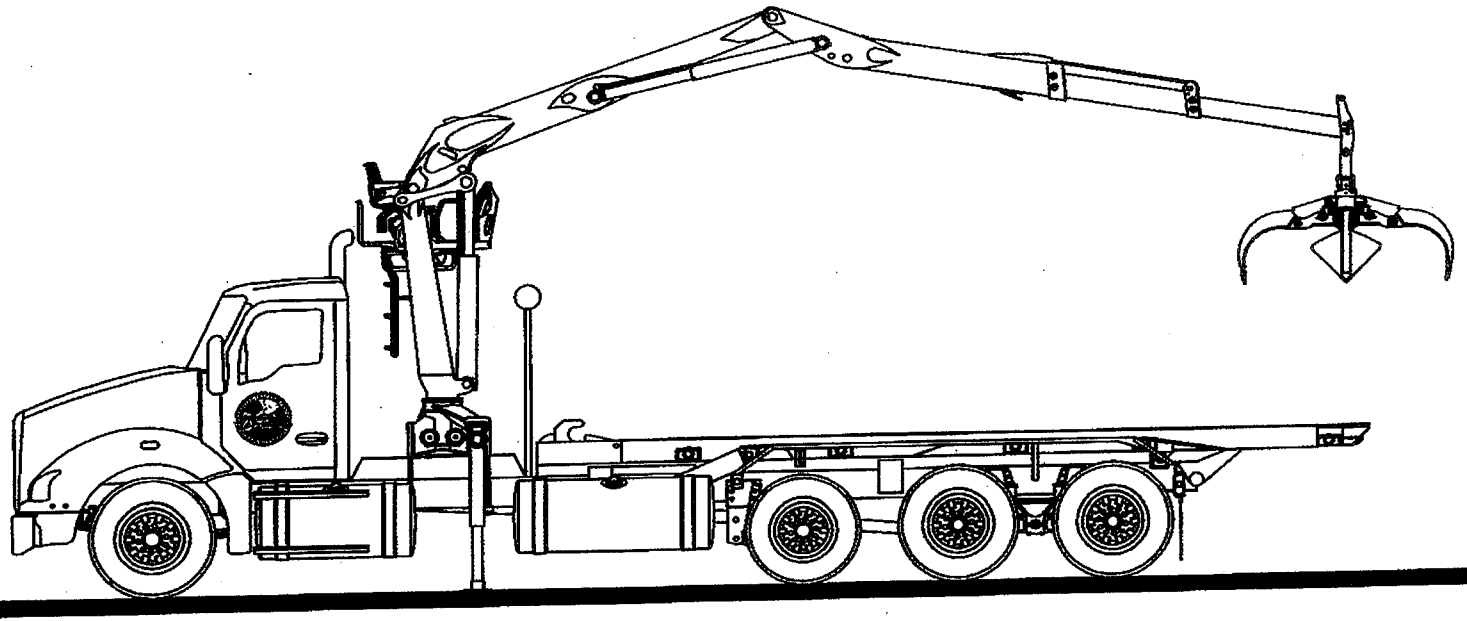
9030016	S	**Turn Signal Lights: Flush mounted LED mounted at** top of fender wheel arc	0	0
9030052	S	**LED Stop,Turn,Tail:Flange Mounted With Two LED** backup lights and with an LED license plate.	0	0
9080128	O	**Dual Revolving Amber Roof Lights: Centered over** cab door w/ stainless steel bracket.	622	15
9090039	S	**Marker Lights: Interrupter switch.** Included in Turn Signal for all models except T3. The T3 switch is in the dash.	0	0
9090126	O	**Electric Backup Alarm: Meets SAE J994 & OSHA** requirements.	135	4
Air Equipment				
9101230	O	**Air Dryer: Bendix AD-IS Extended Purge heated.**	144	4
9108001	S	**Moisture ejection valve w/ pull cable drain.**	0	0
9140020	S	**Nylon air tubing in frame & cab, excluding hoses** subject to excessive heat or flexing.	0	0
Extended Warranty				
9200021	S	**Standard Warranty.**	0	0
9206346	O	**CumminsEW: Protect Plan 1 2013 ISX12G** 5 Yrs/150K 160,935KM	2,100	0
Miscellaneous				
9400071	O	**Specify Ship Destination by Narrative.** N9400 Ship Chassis to: Ring Power N9401 Ocala 1600 NW 63rd St. N9402 Ocala FL	0	0
9409852	O	**GHG Secondary Manufacturer: Does Not Apply**	0	0
9490003	O	**Additional lead time required for off highway &** /or specialty component truck.	0	0
9490206	O	**Warning triangle reflector kit: Shipped loose.** Kit consists of 3 triangles in plastic carrying case. Not floor mounted.	41	4
9490408	O	**One 5 lb. dry chemical type fire extinguisher** mounted inboard of rider seat. Class ABC.	123	11
Paint				
9700000	O	**Paint color number.** N97020 A - L0006EB WHITE B/C N97200 FRAME N0001EA BLACK	0	0
9943004	O	**Bumper Unpainted**	0	0
9943119	S	**Imron solid 1 color non-sleeper Spec A.** Will be White L0006EB if no other color specified.	0	0
9965510	S	**Base coat/clear coat.** The Kenworth Color Selector contains additional instructions, as well as information on Kenworth paint guidelines and surface finish applications. Kenworth is standard with Dupont Imron Elite paint.	0	0

Total Adjusted Price (W/O Freight & Warranty & Surcharges)	$255,559
Freight Charge	$2,125
Options Not Subject to Discount	$2,100
Surcharges Not subject to Discount	$0
Total Weight	20833

Prices and Specifications Subject to Change Without Notice.

Unpublished options may require review/approval.
Dimensional and performance data for unpublished options may vary from that displayed in PROSPECTOR.

Printed:	5/18/2015 11:47:01 AM	***Complete***	Model Number:	T880 Series Conventional
Effective Date:	Aug 1, 2014		Quote/DTPO/CO:	Q72068154
Prepared by:	Administrator		Version Number:	34.40



CITY OF ORLANDO, FL

EPSILON Q150Z84TI
KENWORTH T880

INFORMATION PROVIDED IN THIS DRAWING SET IS INTENDED TO AID THE DEALER/CUSTOMER IN SELECTING A CONFIGURATION TO MEET THEIR REQUIREMENTS. IT IS NOT A FINAL DESIGN, AND IS BASED LARGELY ON THE INFORMATION PROVIDED. IT IS THE DEALER'S/CUSTOMER'S RESPONSIBILITY TO ENSURE THE INFORMATION PROVIDED IS ACCURATE AND COMPLETE.
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REVISION CONTROL

REV.	CHANGE	DATE:
1	ISSUE	APR 22/15
2	122->116" BBC	MAY 12/15
3		

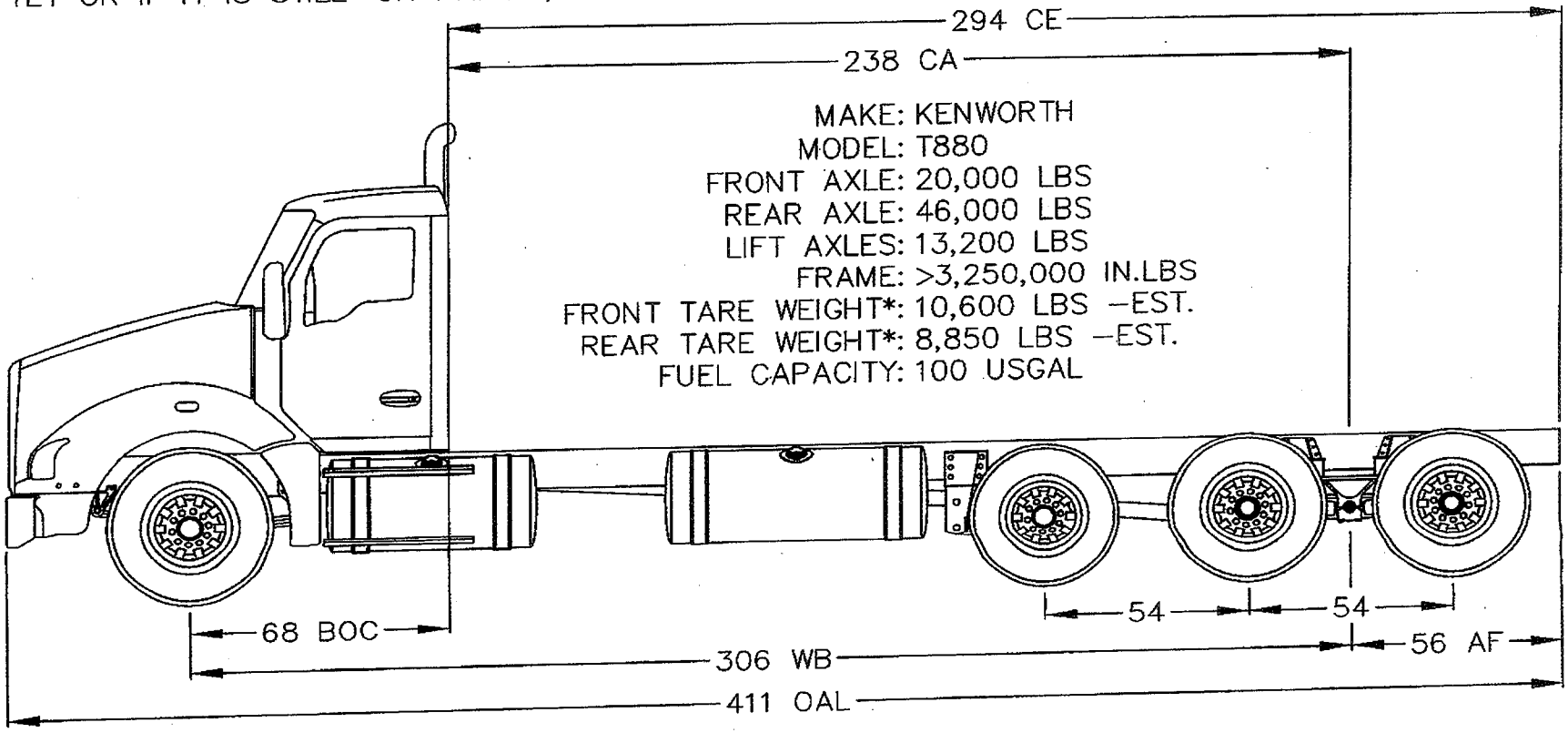
PALFINGER

CRANE / TRUCK ANALYSIS PACKAGE

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TRUCK SPECIFICATION

THIS IS THE TRUCK INFORMATION USED IN THE FINAL LAYOUT, WEIGHT DISTRIBUTION, AND STABILITY ANALYSIS FOR THIS PROJECT.
IF THE TRUCK IS ALREADY BUILT, IT MAY HAVE TO BE MODIFIED (E.G. STRETCH WHEELBASE, EXTEND FRAME RAILS) TO MATCH THIS SPECIFICATION. IF THE TRUCK HASN'T BEEN PURCHASED YET OR IF IT IS STILL 'ON PAPER', USE THIS SPECIFICATION TO HAVE THE TRUCK BUILT PROPERLY.



NOTE THIS IS NOT A COMPLETE SPECIFICATION, ONLY THE VALUES NECESSARY FOR THE CALCULATIONS ARE SHOWN.

*IF THE TARE WEIGHTS SHOWN ARE ESTIMATES, THE ACTUAL WEIGHTS SHOULD BE OBTAINED FROM THE TRUCK DEALER OR BY SCALING THE TRUCK.

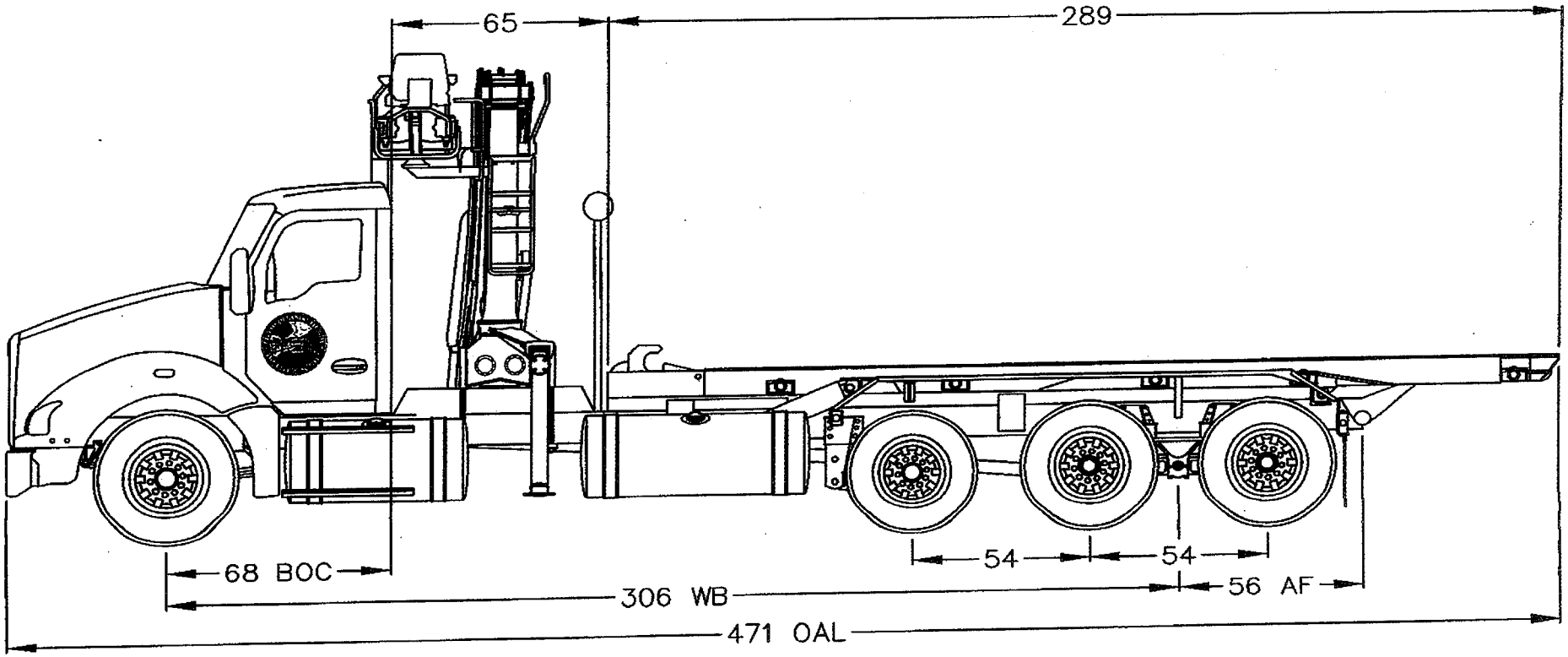
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FINAL LAYOUT

THIS IS THE STREET–SIDE VIEW OF THE FINISHED UNIT. HEIGHTS AND GROUND CLEARANCES, WHEN SHOWN, ARE BASED ON A SEMI–LADEN FRAME HEIGHT.



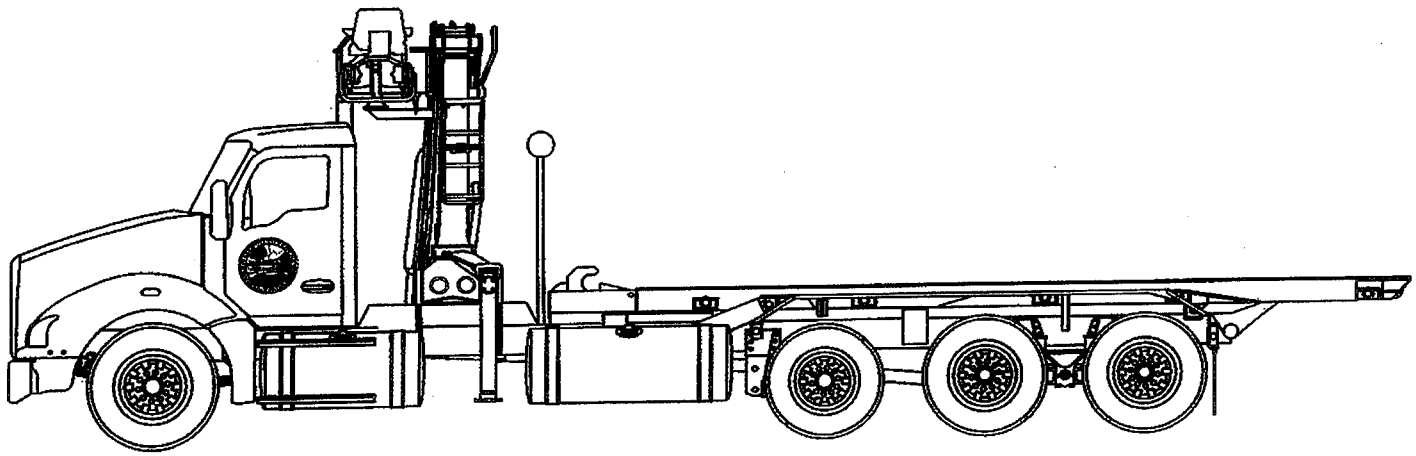
CRANE: EPSILON Q150Z84TI
CRANE OUTRIGGERS: RX39
CRANE STABILIZERS: STD
AUX. OUTRIGGER–STAB: –
2ND AUX. OUTR–STAB: –
CONTROLS: HKL
SUBFRAME: 3/8" RISER BOX

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CRANE / TRUCK ANALYSIS PACKAGE

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WEIGHT DISTRIBUTION



FRONT AXLE LOADING
(IDEALLY 15–60%):

UNLOADED: 49.1%

LOADED: 29.8%

	FRONT	PUSHER	REAR	TOTAL
CURB	THE CURB WEIGHTS OF THE FINISHED TRUCK INCLUDE FUEL, HYDRAULIC OIL, A 225 LB DRIVER, SUBFRAME, TOOLBOXES, ROLL–OFF, CRANE, PUMP/PTO, ETC.:			
	18,450 LBS	**0 LBS (UP)**	**19,103 LBS**	**37,553 LBS**
PAYLOAD	THE GROSS MAXIMUM PAYLOAD IS CALCULATED ASSUMING A WATERLEVEL (EVENLY DISTRIBUTED) LOAD ON THE CONTAINER/DECK, UNLESS SHOWN OTHERWISE IN THE DRAWING ABOVE.			
	-450 LBS	8,500 LBS	14,897 LBS	22,947 LBS
GROSS	THE GROSS WEIGHTS ARE TOTAL LOADED WEIGHTS, THE SUM OF THE CURB WEIGHTS AND PAYLOAD:			
	18,000 LBS	8,500 LBS	34,000 LBS	60,500 LBS

COMMENTS:
FOR NET PAYLOAD SUBTRACT THE WEIGHT OF CONTAINER/DECK.

WEIGHT DISTR. OVERALL RATING: POOR FAIR GOOD (VERY GOOD)

WEIGHTS SHOWN ARE THEORETICAL. PRACTICAL LIMITATIONS ON WEIGHT DISTRIBUTION INCLUDE:
1) LOAD EQUALIZING ABILITY OF TANDEM & TRIDEM AXLES. SOME WEIGHT LAWS ONLY ALLOW A CERTAIN PERCENTAGE ON INDIVIDUAL AXLES PART OF A TANDEM/TRIDEM, OR A MAXIMUM DIFFERENCE BETWEEN THE INDIVIDUAL AXLES.
2) LIFT AXLE PERFORMANCE. DEPENDING ON LIFT AXLE LOCATION AND ADJUSTMENT, IT IS NOT ALWAYS POSSIBLE TO TRANSFER THE FULL AMOUNT OF WEIGHT TO THE OTHER AXLES.

PALFINGER

CRANE / TRUCK ANALYSIS PACKAGE

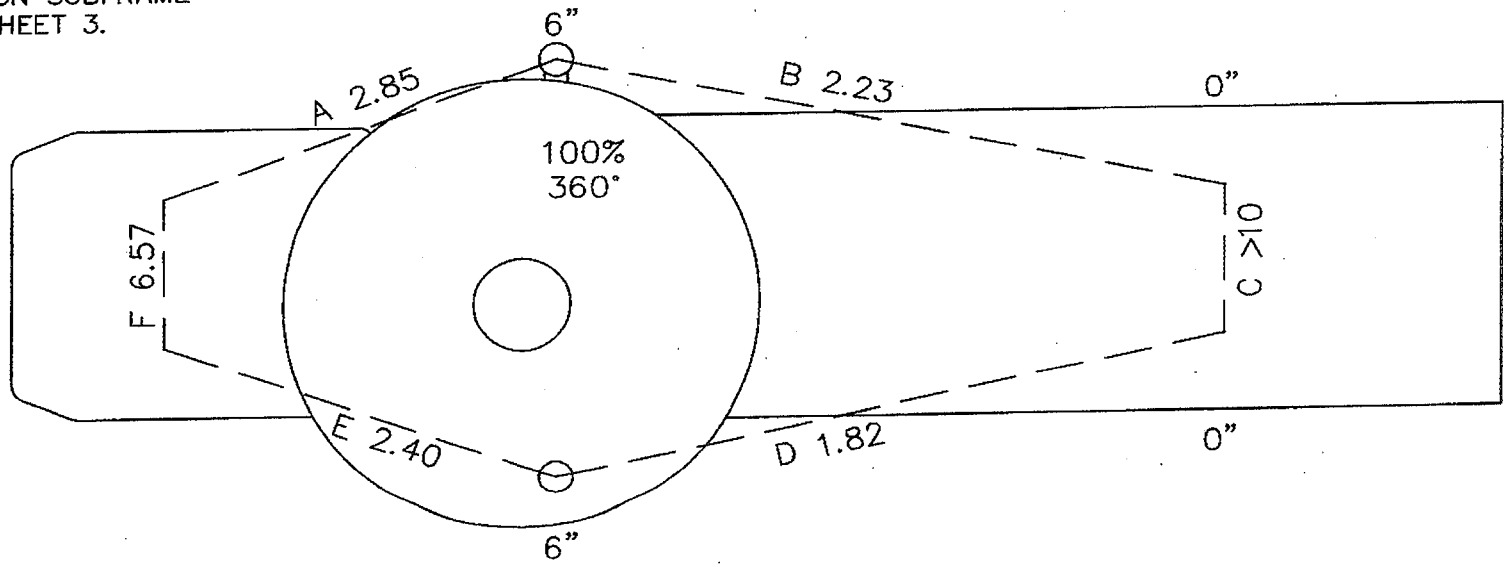
DATE:	DRAWN BY:	PROJECT / DWG NO:	SHEET:
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STABILITY ANALYSIS

THIS DRAWING SHOWS THE STABILITY OF THE FINISHED TRUCK.
CALCULATIONS ARE DONE WITHOUT PAYLOAD, FUEL, OR DRIVER, (WORST CASE).

NOTES:

- STABILITY RESULTS BASED ON INFORMATION PROVIDED.
- ALL UNITS MUST BE PHYSICALLY TESTED.
- RESULTS BASED ON SUBFRAME DESCRIBED ON SHEET 3.



RESULTS ARE SHOWN IN THREE WAYS:

1) PIE CHART – THIS SHOWS THE SAFE LIFTING CAPACITIES IN ALL WORKING AREAS; 100% MEANS FULL CAPACITY –FULLY STABLE.

2) STABILITY FACTORS – FOR FULL STABILITY, VALUES MUST BE GREATER THAN 1.20 TO 1.70, DEPENDING ON CRANE LOCATION, SUBFRAME TYPE, AND TIP LINE LOCATION.

3) PAD/TIRE LIFT – THIS IS THE MAXIMUM AMOUNT THE OUTRIGGER PAD OR TIRE WILL LIFT OFF THE GROUND WHEN WORKING DIRECTLY OVER THE SIDES AT FULL REACH & CAPACITY.

PALFINGER

CRANE / TRUCK ANALYSIS PACKAGE

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Agility fuel systems

KENWORTH A PACCAR COMPANY

Rich Sgueglia - Kenworth of Central Florida
(75DGE and 90DGE) Gen4 CNG Rail Mount System
System to be installed on a Kenworth T880
Special configuration

Option #1

30 DGE (Gen4) CNG Systemsmounted on the drivers rail	**$18,167.01**
45 DGE (Gen4) CNG Systemsmounted on the curbside rail	**$20,412.37**
Front Bumper time fill	**$1,250.00**
integrated FMM w/fast fill, time fill and de-fuel located on the street side	**$4,669.00**
Inbound Freight Charge	**$750.00**
Total includes installed at Agility or ProBilt Chillicothe, OH.	**$45,248.38** *per chassis*

(1) 30DGE tank on drivers rail)

Requires 70" clear rail

(1) 45DGE tank on the curbside rail)

Requires 104" clear rail

→ Exhaust must run on the inside of frame rails

→ Air tanks, Dyer, and Battery box must be ran inside the rails

→ Chassis frame rails must be pre drilled from factory

1/2" stainless Steel plumbing Standard

Approximately 68DGE usable *(Slow Fill)*

Approximately 58DGE usable *(Fast Fill)*

Estimated full weight 1400#

12-14 week delivery ARO (after receipt of order)

[redacted]

****All side mounts will be painted Agility White unless other wise specified on your purchase order*

******Shipping***

Frieght included for system to be shipped to installation location

Price valid for 90 Days

******Delivery***

12-14 Week Delivery ARO (After Receipt of Order)

******Pricing***

Price does not include applicable taxes

FET is the dealers responsibility

******Other options and pricing*****	***Price***	
Non Standard/Metallic Paint →	***$1,500.00***	per chassis
Opposite side fill installed on Back of Cab system	*N/A*	per chassis
25" De-Fuel /Transfer Hose P/N 20100021	***$1,650.00***	each
Un-decking charge per truck	***$175.00***	
Freight Charges	***Included***	
Fueling charge is $3.25 per gallon ***(Must Be Noted on P.O.)***	*Not Available*	

******System Freight Charge is included in the pricing listed above "Truck Delivery is NOT"*****

Chassis rails must be pre drilled by factory or an additional $1,200. per chassis will be charged

rev-2

added option #2 dual 30DGE rail mounts on the driverside and a single 30DGE on the curbside
Added time fill front bumper fill to both option #1 and #2

[redacted]

5/11/2015
Jeff Scott
rev-3