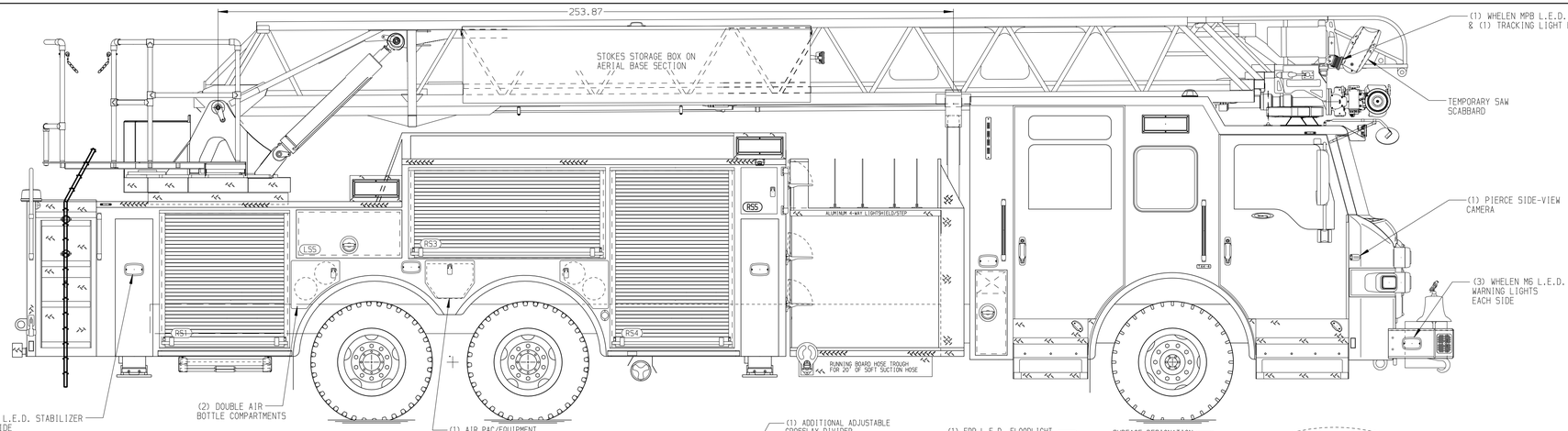
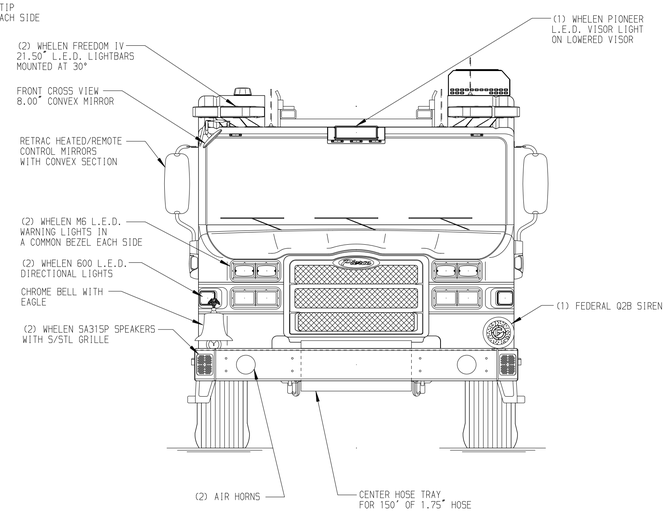
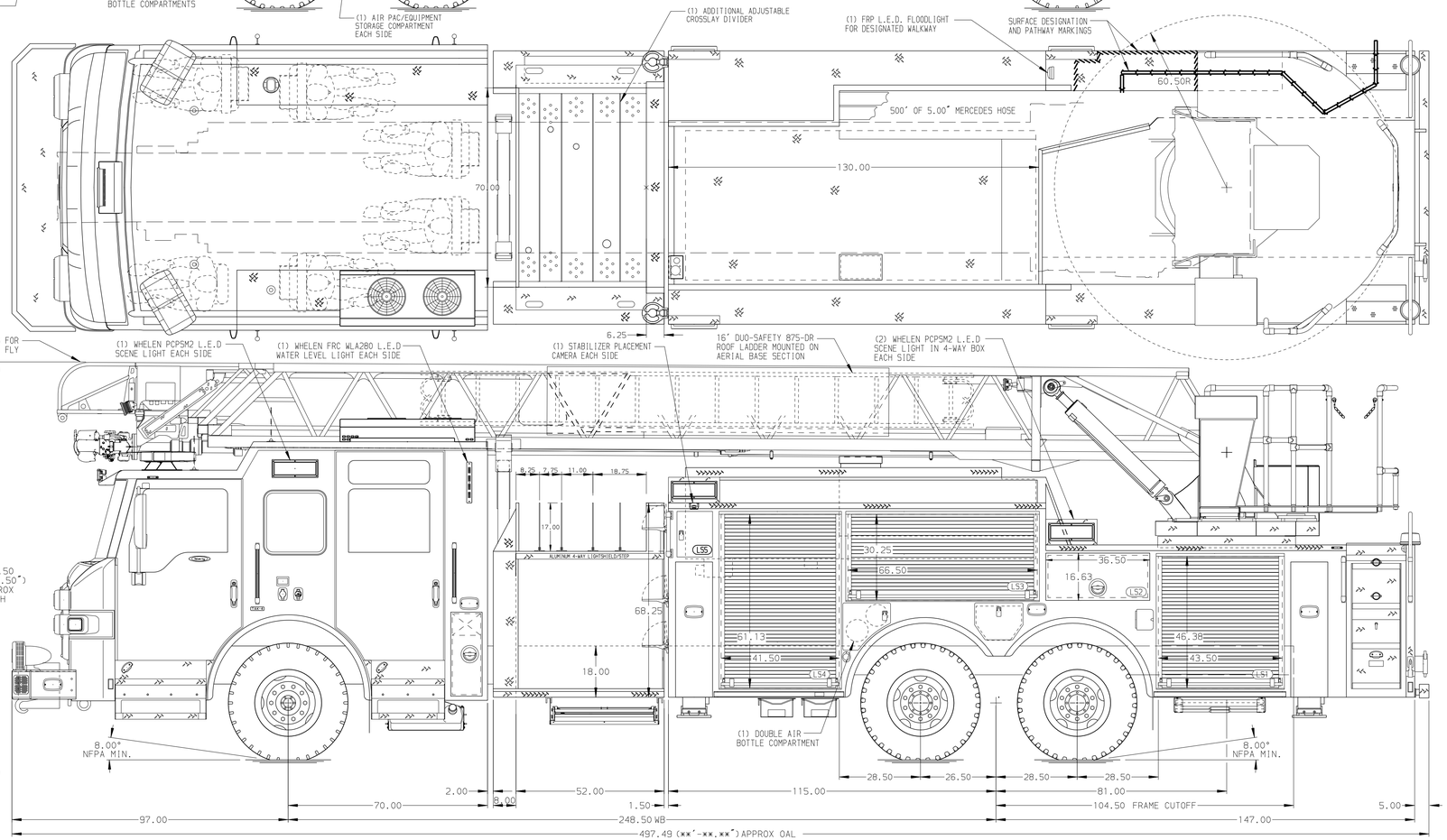
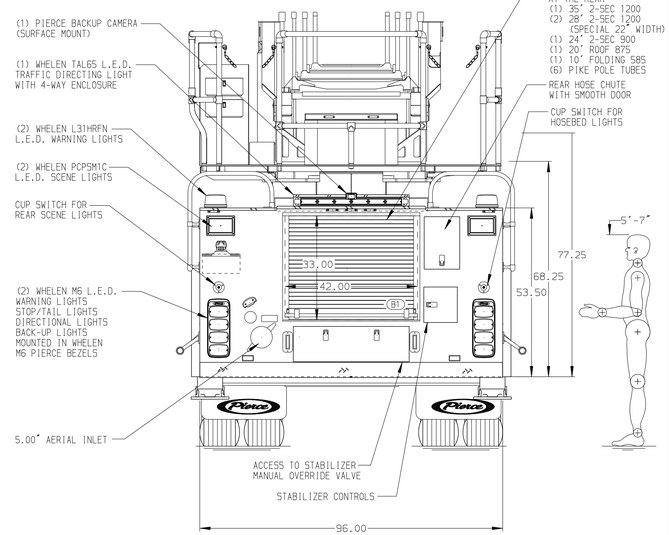






BODY	TOTAL TANK CAPACITY
107' ASL Tandem Axle Aluminum Body	750 Gallon Poly Tank
COMPT,LEFT SIDE FRONT	WATER CAPACITY
FH Rollup Forward	750 Gallons of Water
COMPT,LEFT SIDE REAR	FOAM CELL CAPACITY
FH/FD Rollup and Lift-up Rearward	Foam Cell Not Required
COMPT,RIGHT SIDE FRONT	FOAM SYSTEM
FH/FD Rollup Forward	Foam System Not Required
COMPT,RIGHT SIDE REAR	
Full Height Rollup and Lift-up Rearward	



CHASSIS	CAB	ELECTRICAL SYSTEM	AXLE,FRONT,CUSTOM	PUMPHOUSE	CROSSLAYS,1.50"	CROSSLAYS,2.50"	SPEEDLAYS
VeLocity Chassis (Big Block)	7010 Notched VeLocity FR Cab	MUX	22,800 Lb TAK-4 Axle	52" Control Zone Side Mount	(2) 1.75", 200' Capacity	(1) 2.50", 450' Capacity	Speedlays Not Required
ENGINE	BUMPER	TRANSMISSION	AXLE,REAR	PUMP	(1) 1.75", 300' Capacity	With Additional Adj. Divider	GENERATOR
510 HP Paccar MX13 Engine	19" Extended Painted Steel	Allison 6th Gen, 4500 EVS P	54,000 Lb Meritor Axle	2000 GPM Waterous CSU			Generator Not Required

NOTE

DIMENSIONS SHOWN ARE APPROXIMATE AND ARE SUBJECT TO MINOR DEVIATIONS AS MAY OCCUR OR BE NECESSARY IN CONSTRUCTION.
MINOR DETAILS NOT SHOWN.

1. NO LIMITED RETRACTION REQUIRED
2. TECNIQ 4-SECTION RUNG LIGHTING AT AERIAL DEVICE
3. SHORELINE RECEPTACLE WITH KUSSMAUL SUPER AUTO-EJECT LOCATED ON DRIVER SIDE OF THE CAB
4. RECESSED AIR INLET WITH KUSSMAUL AIR EJECT & WEATHERPROOF COVER ON DRIVER SIDE OF THE CAB
5. BATTERY CHARGER LOCATED PER ORDER
6. BATTERY CHARGE INDICATOR LOCATED ON DRIVER SIDE OF THE CAB
7. SEVEN ADJUSTABLE SHELVES LOCATED IN COMPARTMENTS PER ORDER
8. TWO FLOOR MOUNTED SLIDE-OUT TRAYS LOCATED IN COMPARTMENTS PER ORDER
9. THREE ADJUSTABLE SLIDE-OUT TRAYS LOCATED IN COMPARTMENTS PER ORDER
10. TWO SWING-OUT TOOLBOARDS LOCATED IN COMPARTMENTS PER ORDER
11. FOUR RECEPTACLE STRIPS LOCATED PER ORDER
12. DC POWER TO AERIAL TIP
13. 3.00" RAISED AERIAL PEDESTAL
14. LIFTING EYE ROPE RESCUE ATTACHMENT AT AERIAL TIP
15. 1500 GPM HIGH FLOW WATERWAY
16. WIRELESS CAMERA SYSTEM AT AERIAL EGRESS
17. WIRELESS MONITOR REMOTE CONTROL
18. ONE 1.50" OUTLET WITH 2.00" PIPING AND SWIVEL LOCATED IN CENTER BUMPER TRAY

REV	DATE	BY	CH
V	090CT25	ANZ	COS
V	15SEP25	ANZ	COS
V	26AUG25	ANZ	COS

CHASSIS DATA
MAKE: PIERCE
MODEL: VELOCITY

Pierce MANUFACTURING INC.

TITLE: 107' ASCENDANT AERIAL LADDER AND BODY ASSEMBLY
FOR: TOWNSHIP OF ALLAMUCHY
GREAT MEADOWS, NJ
DWG NO. 41589AD

JOB NO.	41589
SCALE 1:24	DATE
DRAWN BY ANZ	12JUN25
CHECKED BY JLO	25JUN25
SHEET SIZE D	SHEET NO. 1 OF 1

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