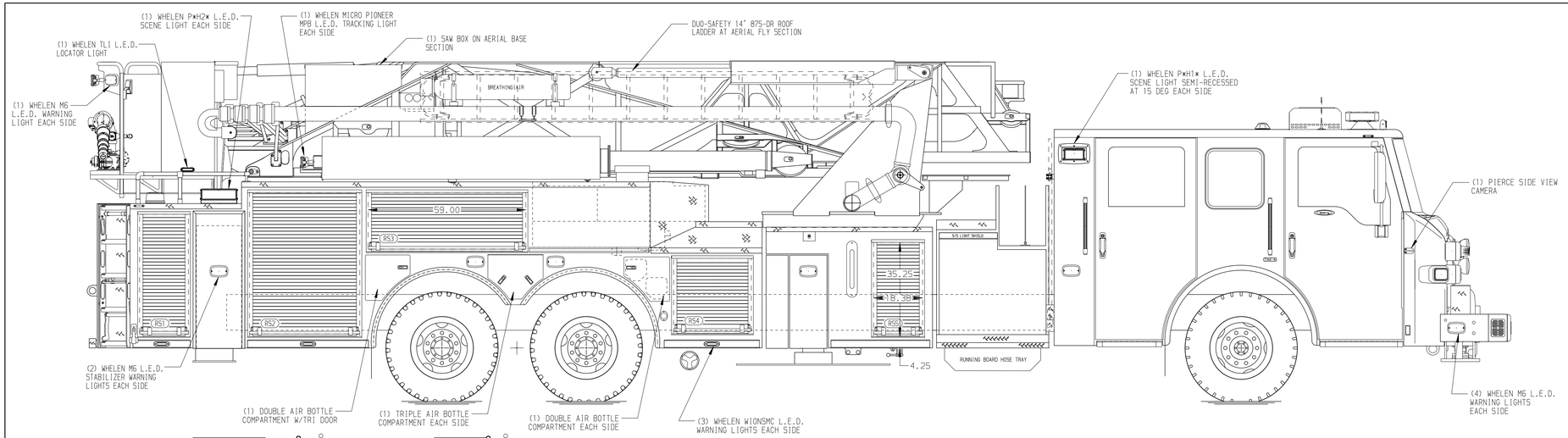
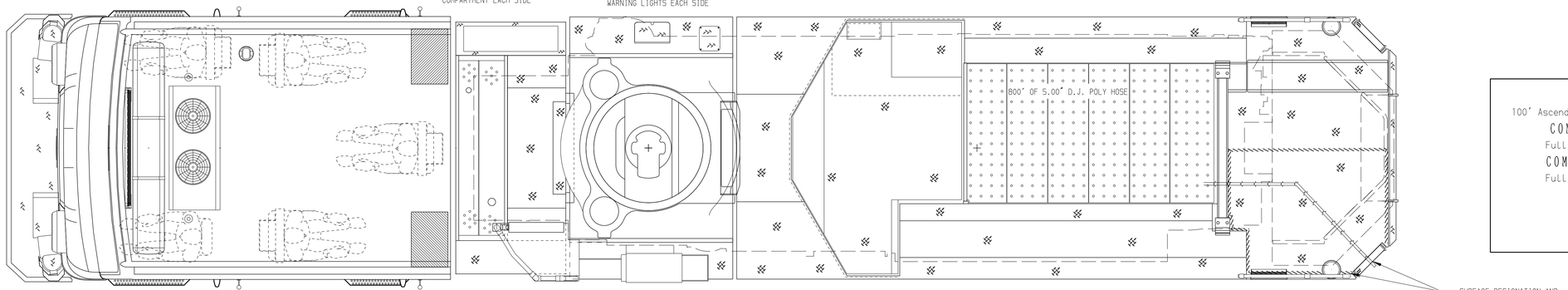
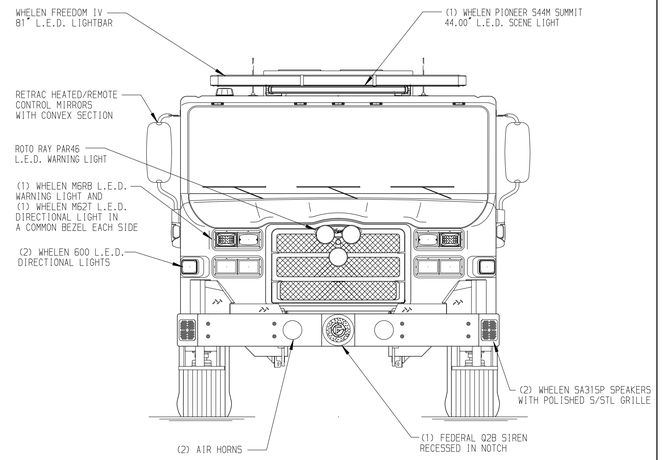
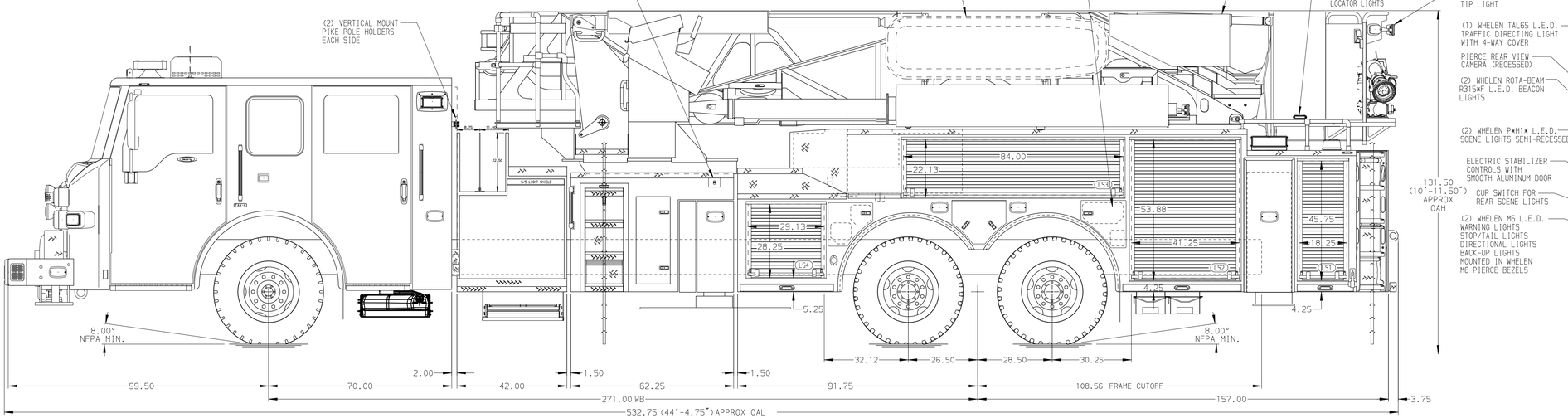






BODY	WATER TANK
100' Ascendant Aerial Tower Alum Body	300 Gallon Poly Water Tank
COMPT,LEFT SIDE	Foam System
Full Height Rollup Doors	Foam System Not Required
COMPT,RIGHT SIDE	Foam Cell
Full Height Rollup Doors	Foam Cell Not Required



CHASSIS	CAB	AXLE,FRONT,CUSTOM	TRANSMISSION	PUMPHOUSE	CROSSLAYS,1.50"	SPEEDLAYS	SAFETY
Velocity Chassis (Big Block)	7000 Velocity FR Cab	24,000 Lb TAK-4 Axle	Allison 6th Gen, 4500 EVS P	42" Control Zone Side Mount	(1) 1.50", 200' Of 1.75" Hose	Speedlays Not Required	Side Roll and Frontal Impact Protection
ENGINE	BUMPER	AXLE,REAR		PUMP	CROSSLAYS,2.50"	GENERATOR	
510 HP Paccar MX13 Engine	21" Painted Steel	54,000 Lb Meritor Axle		2000 GPM Waterous S100	(1) 2.50", 200' Of 2.50" Hose	Generator Not Required	

Pierce MANUFACTURING INC.

JOB NO. 38529 | SCALE 1:24 | DATE

TITLE: 100' ASCENDANT AERIAL TOWER AND BODY ASSEMBLY
FOR: YORK COUNTY FIRE SAFETY, YORK, SC

DRAWN BY ANZ 02MAY23 | CHECKED BY SMA 08MAY23 | SHEET SIZE D | SHEET NO. 1 OF 2

DWG NO. 38529AD-SH1

NOTE

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

1. TWO WHELEN PxH1x LIGHTS UNDER BASKET CORNER STEPS
2. AIR INLET WITH KUSSMAUL AIR EJECT LOCATED ON DRIVER SIDE PUMP PANEL
3. BATTERY CHARGER LOCATED IN CAB BEHIND DRIVER SEAT
4. BATTERY CHARGE INDICATOR LOCATED BEHIND CAB DOOR
5. SHORELINE RECEPTACLE WITH KUSSMAUL SUPER AUTO-EJECT LOCATED ON DRIVER SIDE PUMP PANEL
6. FIRE RESEARCH 2-WAY INTERCOM
7. WIRELESS AERIAL CAMERA SYSTEM LOCATED IN BASKET
8. NON-RAISED AERIAL PEDESTAL
9. 3-in-1 LYFECOMBO BRACKETS AT AERIAL BASKET
10. TECNIQ RUNG LIGHTING AT AERIAL DEVICE
11. DC POWER TO AERIAL TIP
12. SHARP VISION BASKET WIRELESS CAMERA SYSTEM

REV	DATE	BY	CH
V	25JUL23	ANZ	SMA
V	11MAY23	ANZ	SMA

CHASSIS DATA
MAKE: PIERCE
MODEL: VELOCITY

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