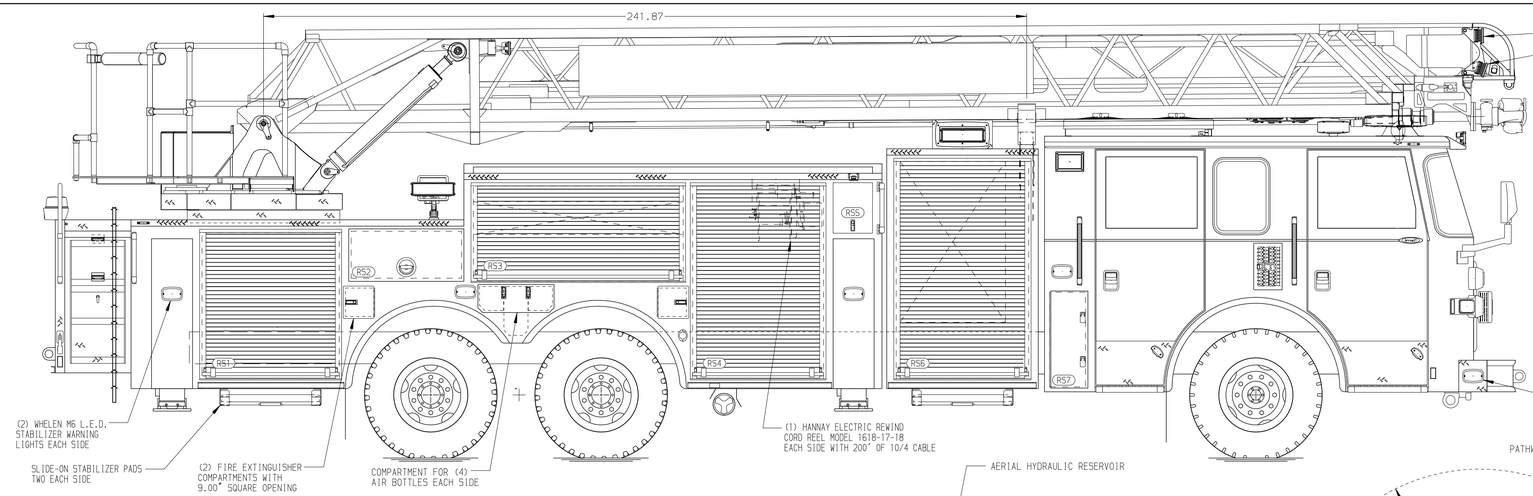

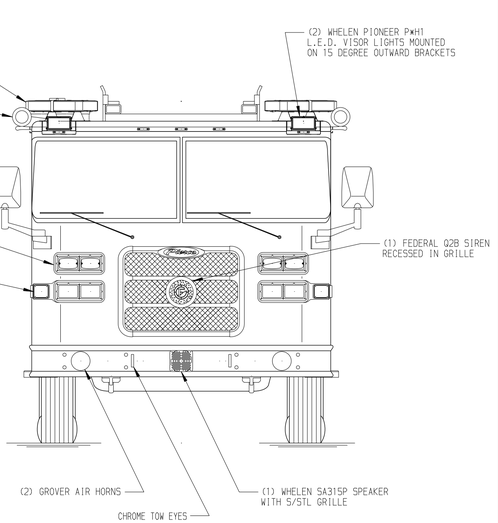

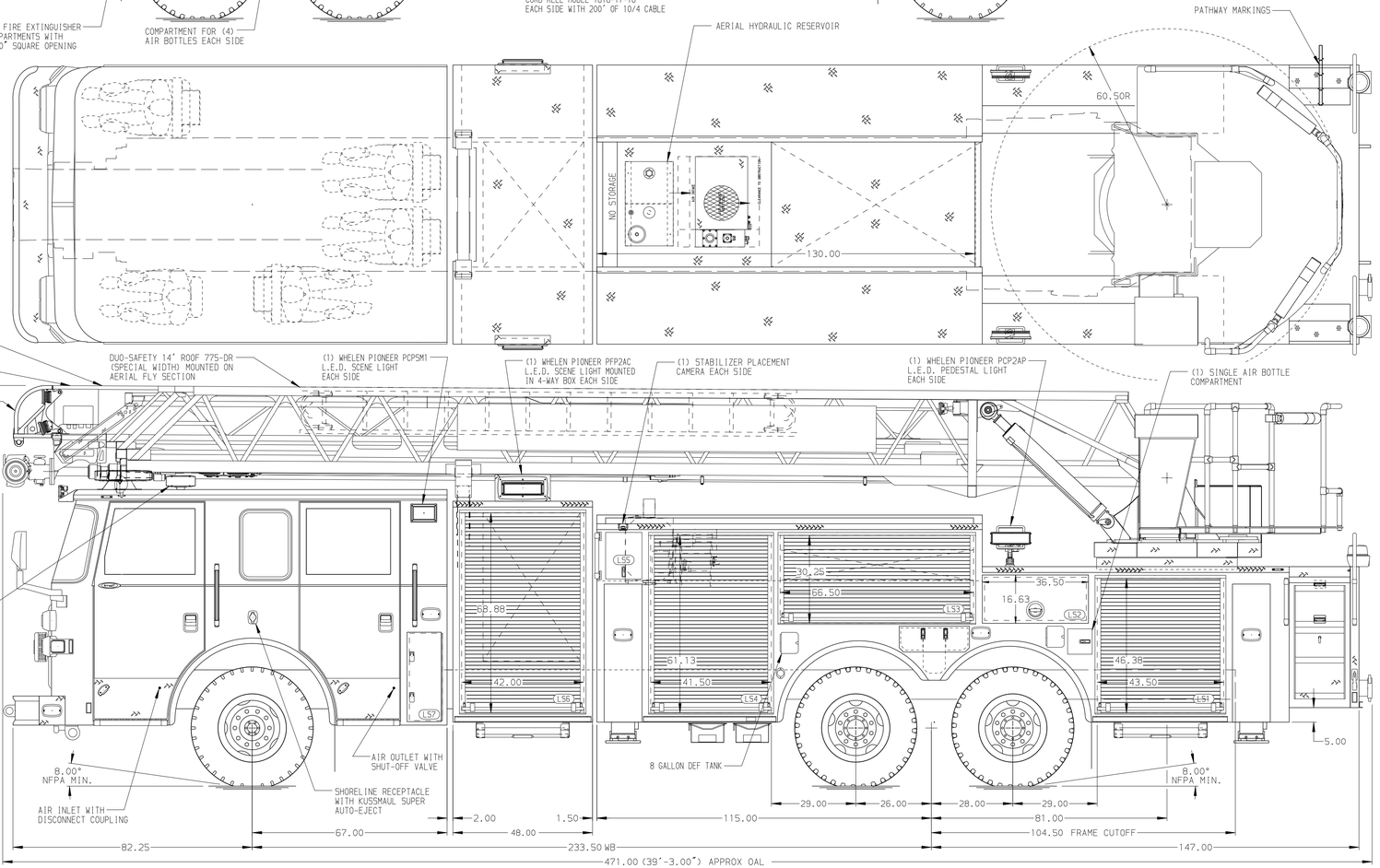

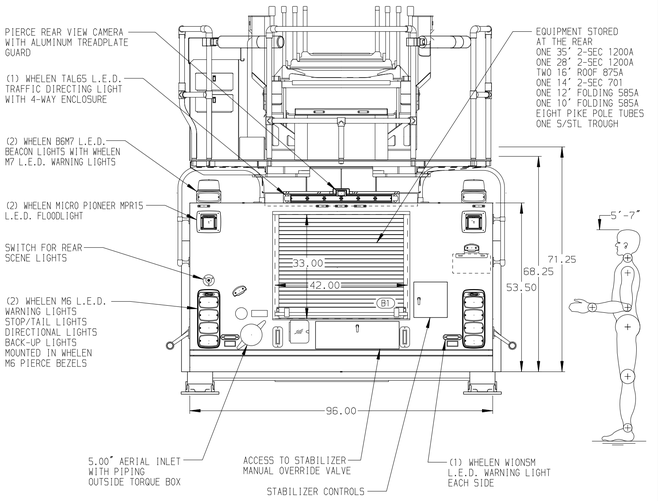

BODY	WATER TANK
107' ASL Tandem Axle Aluminum Body	Water Tank Not Required
COMPT,LEFT SIDE FRONT	Foam System
FH/FD RollUp Forward w/o Chute	Foam System Not Required
COMPT,LEFT SIDE REAR	Foam Cell
FH/FD RollUp and Lift-up Rearward	Foam Cell Not Required
COMPT,RIGHT SIDE FRONT	
FH/FD RollUp Forward w/o Chute	
COMPT,RIGHT SIDE REAR	
FH/FD RollUp and Lift-up Rearward	

CHASSIS	CAB	AXLE,FRONT,CUSTOM	TRANSMISSION	PUMPHOUSE	CROSSLAYS,1.50"	SPEEDLAYS
Arrow XT Chassis	6700 Arrow XT Cab	22,800 Lb Dana Axle	ALlison 5th Gen, 4500 EVS P	48.00" Compartment, No Pump	1.50" Crosslays Not Required	Speedlays Not Required
ENGINE	BUMPER	AXLE,REAR		PUMP	CROSSLAYS,2.50"	GENERATOR
500 HP Cummins X12 Engine	13" Extended Stainless Steel	44,000 Lb Meritor Axle		Pump Not Required	2.50" Crosslay Not Required	Harrison 10kW MA5-D Hydraulic

NOTE

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

1. BATTERY CHARGER LOCATED BEHIND DRIVER'S SEAT
2. BATTERY CHARGE INDICATOR LOCATED NEAR DRIVER SEAT RISER WITH BRACKET
3. TWO AMBER LIGHTS IN DUNNAGE AREA PER SHOP ORDER
4. SEVEN ADJUSTABLE FULL WIDTH/FULL DEPTH SHELVES IN COMPARTMENTS PER SHOP ORDER
5. ONE FLOOR MOUNTED 2-WAY SLIDE-OUT TRAY IN COMPARTMENT PER SHOP ORDER
6. FOUR FLOOR MOUNTED SLIDE-OUT TRAYS IN COMPARTMENTS PER SHOP ORDER
7. ONE SWING-OUT TOOL BOARD WITH PEGBOARD PATTERN IN COMPARTMENT PER SHOP ORDER
8. ONE ADJUSTABLE TOOLBOARD MOUNTED ON A 2-WAY TRAY IN COMPARTMENT PER SHOP ORDER
9. DURASUBF ON COMPARTMENT FLOOR PER SHOP ORDER
10. PEGBOARD MOUNTED ON THE BACK WALL OF FOUR COMPARTMENTS PER SHOP ORDER
11. TWO FLOOR EXTENSIONS IN COMPARTMENTS PER SHOP ORDER
12. STORAGE RACK FOR (15) AIR BOTTLES LOCATED PER SHOP ORDER
13. CIRCUIT BREAKER PANEL IN COMPARTMENT PER SHOP ORDER
14. TWO 120V DUPLEX RECEPTACLES (SHORELINE) LOCATED IN COMPARTMENTS PER SHOP ORDER
15. ONE 120V DUPLEX RECEPTACLE (GENERATOR) LOCATED IN COMPARTMENT PER SHOP ORDER
16. 3.00" RAISED AERIAL PEDESTAL
17. TURNTABLE WELDMENT LOWERED 2.00"
18. LIFTING EYE ROPE RESCUE ATTACHMENT AT AERIAL TIP
19. REMOTE LADDER CONTROLS AT AERIAL TIP
20. DC POWER TO AERIAL TIP
21. 1500 GPM HIGH FLOW WATERWAY
22. NO AERIAL LIMITED RETRACTION REQUIRED

MAX. OAH = 138.00" (11'-6.00")
MAX. OAL = 480.00" (40'-0")
MIN. ANGLE OF APPROACH (LOADED) 12.00°
MIN. ANGLE OF DEPARTURE (LOADED) 10.50°

REV	DATE	BY	CH
V	27AUG21	TKA	CSH
V	18JUN21	TKA	CSH

CHASSIS DATA
MAKE: PIERCE
MODEL: ARROW-XT

Pierce MANUFACTURING INC.

TITLE: 107' ASCENDANT AERIAL LADDER AND BODY ASSEMBLY
–
FOR: TUSCALOOSA FIRE RESCUE SERVICE
–
DWG NO.: 36190AD

JOB NO.	36190
SCALE	DATE
1:24	
DRAWN BY	23APR21
TKA	
CHECKED BY	26APR21
NDA	
SHEET SIZE	SHEET NO.
D	1 OF 1

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