PUMPER, PUC

BODY
Medium Aluminum 2nd Gen Pumper

CHASSIS
Impel Chasis

ELECTRICAL SYSTEM
Impel ESP Electrical System

CHASSIS

AXLE,FRONT,CUSTOM
19,500 Lb TAK-4 Axle

AXLE,REAR
24,000 Lb Meritor Axle

ENGINE
Cummins L9 450Hp Engine

TRANSMISSION
ALlison 6th Gen, 3000 EVS P

BUMPER
22" Extended Painted Steel

CAB
Impel FR 7010

BODY

TOTAL TANK CAPACITY
750 Gallon Poly WaterTank

WATER CAPACITY
750 Gallons of Water

FOAM CELL CAPACITY

COMPT,PUMPER,REAR
30.75" FF Rollup Rear Compt

COMPT,PUMPER,LEFT SIDE
152" Rollup, Full Height Front & Rear FDLER

COMPT,PUMPER,RIGHT SIDE
152" Rollup, Full Height Front & Rear FDLER

FIRE SUPPRESSION

PUMPHOUSE
48" Control Zone Side Mount

PUMP
1500 GPM Waterous CSU

CROSSLAYS,1.50"
(2) 1.50" 200' of 1.75" Hose

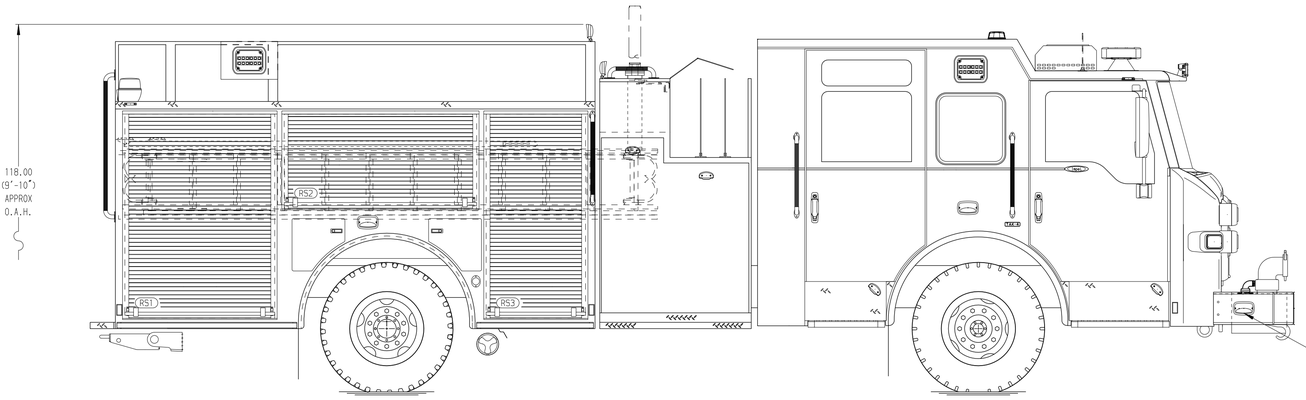
CROSSLAYS,2.50"
(1) 200' of 2.50" Hose

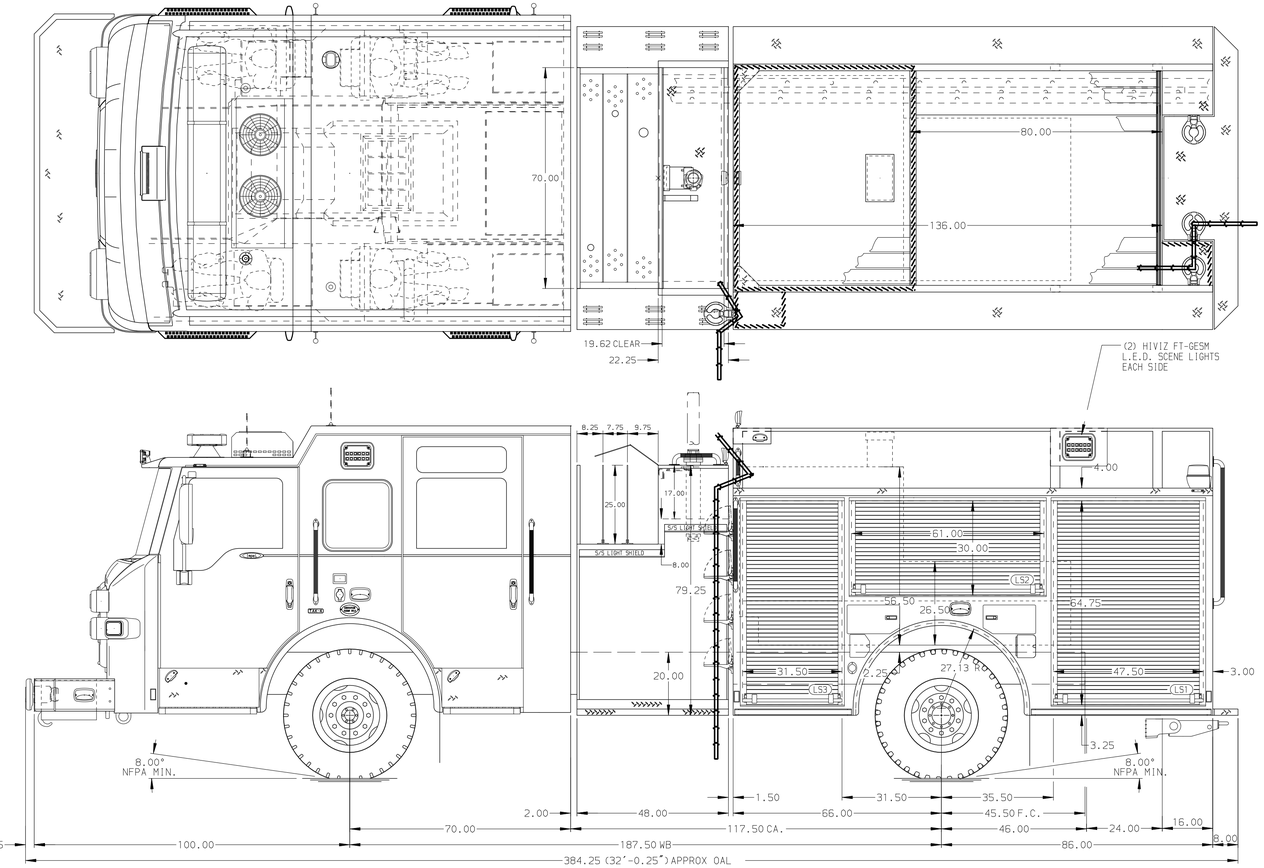
SPEEDLAYS

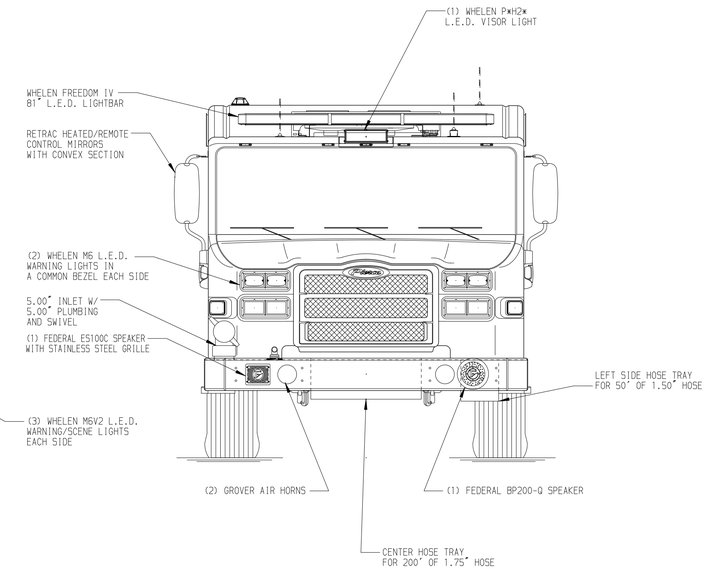
GENERATOR
Generator Not Required

FOAM SYSTEM

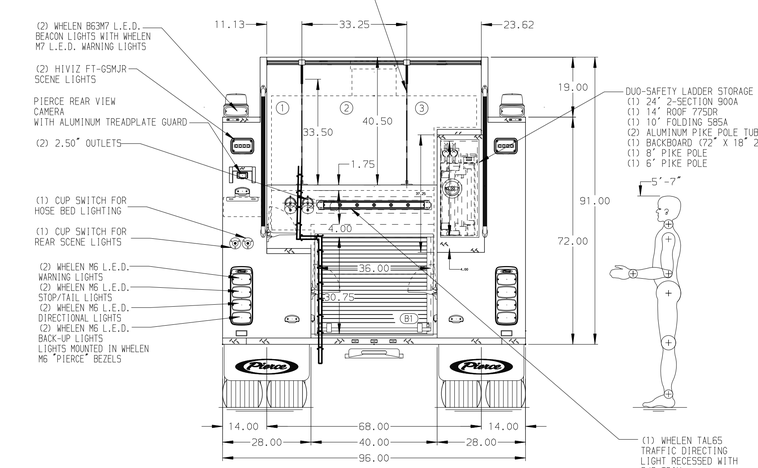
SAFETY
Side Roll and Frontal Impact Protection (SRS)







HOSEBED CAPACITIES
1. 500' OF 3.00" D.J. POLY HOSE
2. 1000' OF 5.00" D.J. POLY HOSE
3. 500' OF 3.00" D.J. POLY HOSE



NOTE

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

1. ONE 1.50 OUTLET WITH 2.00 PIPING AND SWIVEL LOCATED ON TOP OF THE RIGHT SIDE OF THE BUMPER
2. SHORELINE RECEPTACLE WITH KUSSMAUL SUPER AUTO-EJECT LOCATED ON DRIVER SIDE OF THE CAB
3. AIR INLET WITH DISCONNECT COUPLING IN THE DRIVER SIDE STEPWELL
4. BATTERY CHARGER LOCATED BEHIND DRIVER'S SEAT
5. BATTERY CHARGE INDICATOR LOCATED ON THE DRIVER'S SIDE CAB SIDE
6. FIVE ADJUSTABLE SHELVES IN COMPARTMENTS PER SHOP ORDER
7. TWO WORDEN HWGY-SB SUPER GRIPPER WHEEL CHOCKS SHIPPED LOOSE
8. INVERTER LOCATED PER ORDER
9. TWO FLOOR MOUNTED SLIDE-OUT TRAYS LOCATED PER ORDER

REV	DATE	BY	CH
1	24AUG26	LST	ZWE
2	13MAY26	LST	ZWE
3	17MAR26	LST	ZWE
4	19FEB26	LST	ZWE

CHASSIS DATA
MAKE: PIERCE
MODEL: IMPEL
DWG NO.: 41913AD

Pierce MANUFACTURING INC.

JOB NO. 41913
SCALE 1:24
DATE

TITLE: Pierce Pumper Approval Drawing
FOR: Village of Downers Grove Fire Department
DRAWN BY: LST — 17DEC25
CHECKED BY: MMF — 19DEC25
SHEET SIZE: D
SHEET NO.: 1 OF 1

View File Created 25-AUG-2026 08:17:01