PUMPER

BODY
Medium Aluminum 2nd Gen Pumper

CHASSIS
Impel Chassis

CHASSIS

AXLE, FRONT, CUSTOM
22,800 lb TAK-4 Axle

AXLE, REAR
27,000 lb Meritor Axle

ENGINE
450 HP Cummins L9 Engine

TRANSMISSION
Allison 5th Gen, 3000 EVS P

BUMPER
19" Extended Painted Steel

CAB
8410 Impel FR Cab

BODY

WATER TANK
600 Gallon New York Style Water Tank

COMPT, PUMPER, REAR
30.75" FF Rollup 25.88" Deep Flush Rear Compt

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

COMPT, PUMPER, RIGHT SIDE
152" Rollup Low FDLER

FIRE SUPPRESSION

PUMPHOUSE
52" Control Zone Side Mount

PUMP
2000 GPM Waterous CSU

CROSSLAYS, 1.50"
1.50" Crosslays Not Required

CROSSLAYS, 2.50"
2.50" Crosslay Not Required

SPEEDLAYS
(2) 1.50" W/Tray Std. Capacity
(1) 2.50" W/Tray Std. Capacity

GENERATOR
Generator Not Required

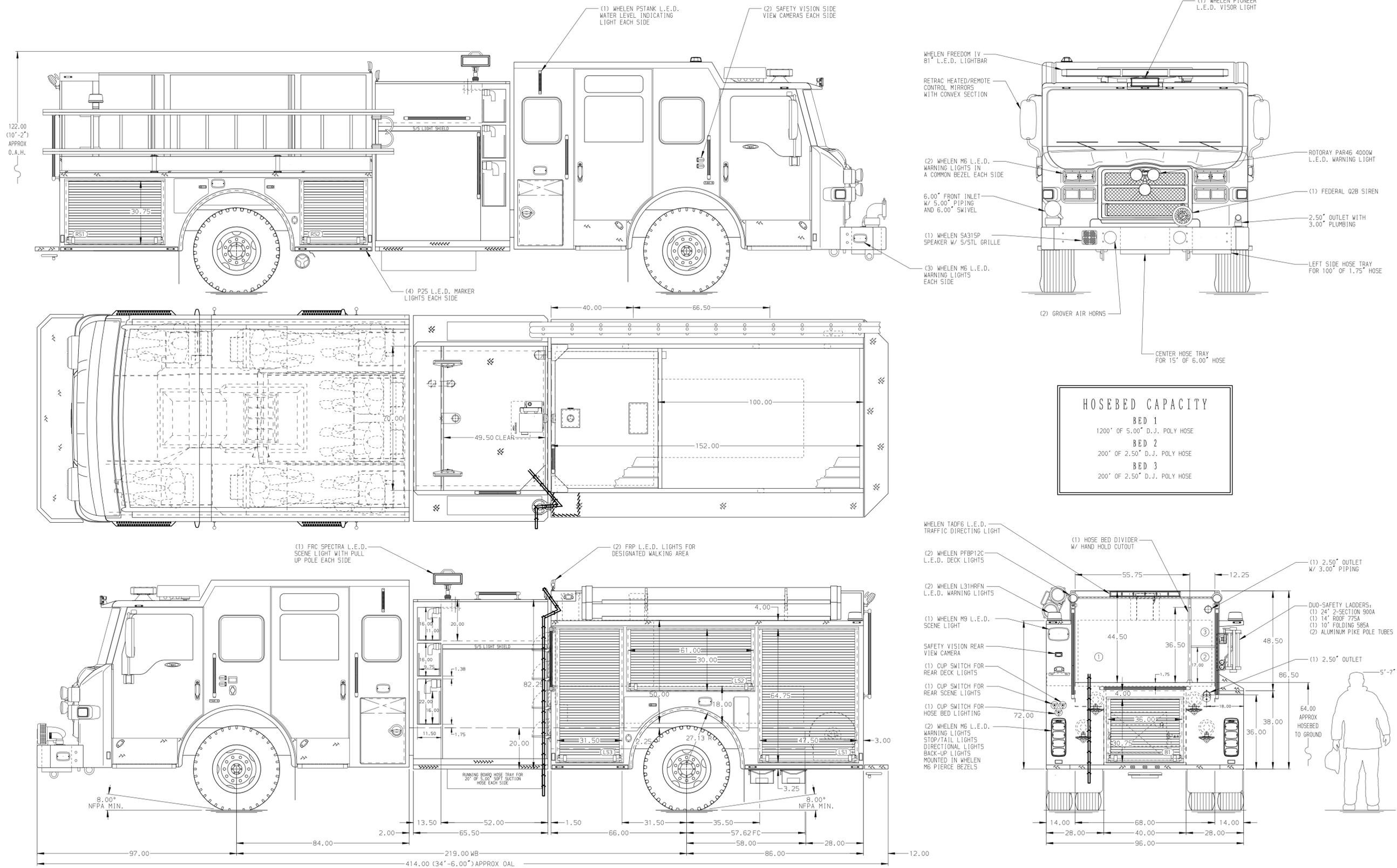## Foam System
Husky 3 Single Agent Foam System

Foam Cell
40 Gallon Foam Cell, Not Reduced Water

Side Roll and Frontal Impact Protection

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

1. SHORELINE RECEPTACLE WITH KUSSMAUL SUPER AUTO-EJECT LOCATED ON DRIVER SIDE OF CAB
2. AIR INLET/OUTLET WITH DISCONNECT COUPLING ON THE DRIVER SIDE PUMP PANEL
3. BATTERY CHARGER LOCATED IN COMPARTMENT PER SHOP ORDER
4. BATTERY CHARGE INDICATOR LOCATED ON DRIVER SIDE OF CAB
5. SIX ADJUSTABLE SHELVES LOCATED PER SHOP ORDER
6. FOUR FLOOR MOUNTED SLIDE-OUT TRAYS LOCATED PER SHOP ORDER
7. ONE SWING-OUT TOOLBOARD LOCATED PER SHOP ORDER
8. HANNAY BOOSTER REEL MODEL EF34-23-24 LOCATED IN COMPARTMENT B1
   WITH CAPACITY FOR 200' OF 1.00" BOOSTER HOSE
9. VANNER BRAVO 1050W POWER INVERTER

(1) WHELEN PSTANK L.E.D.
WATER LEVEL INDICATING
LIGHT EACH SIDE

(2) SAFETY VISION SIDE
VIEW CAMERAS EACH SIDE

(1) WHELEN PIONEER
L.E.D. VISOR LIGHT

WHELEN FREEDOM IV
81" L.E.D. LIGHTBAR

RETRAC HEATED/REMOTE
CONTROL MIRRORS
WITH CONVEX SECTION

(2) WHELEN M6 L.E.D.
WARNING LIGHTS IN
A COMMON BEZEL EACH SIDE

ROTORAY PAR46 4000W
L.E.D. WARNING LIGHT

6.00" FRONT INLET
W/ 5.00" PIPING
AND 6.00" SWIVEL

(1) FEDERAL Q2B SIREN

(1) WHELEN SA315P
SPEAKER W/ S/STL GRILLE

2.50" OUTLET WITH
3.00" PLUMBING

(3) WHELEN M6 L.E.D.
WARNING LIGHTS
EACH SIDE

LEFT SIDE HOSE TRAY
FOR 100' OF 1.75" HOSE

(4) P25 L.E.D. MARKER
LIGHTS EACH SIDE

(2) GROVER AIR HORNS

CENTER HOSE TRAY
FOR 15' OF 6.00" HOSE

122.00
(10'-2")
APPROX
O.A.H.

30.75

RS1   RS2

40.00   66.50

49.50 CLEAR

100.00

152.00

HOSEBED CAPACITY
BED 1
1200' OF 5.00" D.J. POLY HOSE
BED 2
200' OF 2.50" D.J. POLY HOSE
BED 3
200' OF 2.50" D.J. POLY HOSE

(1) FRC SPECTRA L.E.D.
SCENE LIGHT WITH PULL
UP POLE EACH SIDE

(2) FRP L.E.D. LIGHTS FOR
DESIGNATED WALKING AREA

WHELEN TADF6 L.E.D.
TRAFFIC DIRECTING LIGHT

(1) HOSE BED DIVIDER
W/ HAND HOLD CUTOUT

(2) WHELEN PFBP12C
L.E.D. DECK LIGHTS

(1) 2.50" OUTLET
W/ 3.00" PIPING

(2) WHELEN L31HRFN
L.E.D. WARNING LIGHTS

DUO-SAFETY LADDERS:
(1) 24' 2-SECTION 900A
(1) 14' ROOF 775A
(1) 10' FOLDING 585A
(2) ALUMINUM PIKE POLE TUBES

(1) WHELEN M9 L.E.D.
SCENE LIGHT

SAFETY VISION REAR
VIEW CAMERA

(1) CUP SWITCH FOR
REAR DECK LIGHTS

(1) CUP SWITCH FOR
REAR SCENE LIGHTS

(1) CUP SWITCH FOR
HOSE BED LIGHTING

(2) WHELEN M6 L.E.D.
WARNING LIGHTS
STOP/TAIL LIGHTS
DIRECTIONAL LIGHTS
BACK-UP LIGHTS
MOUNTED IN WHELEN
M6 PIERCE BEZELS

(1) 2.50" OUTLET

55.75   12.25
44.50   36.50   48.50
72.00   86.50
64.00 APPROX HOSEBED TO GROUND
36.00   38.00   36.00
5'-7"

14.00   68.00   14.00
28.00   40.00   28.00
96.00

4.00
61.00
30.00
50.00   64.75
18.00
82.25
16.00 20.00
16.00
11.75 1.38
16.00
22.00 16.00
11.50 1.75
31.50   27.13   47.50
3.00
20.00
2.25   1.53
8.00" NFPA MIN.
8.00" NFPA MIN.
3.25

RUNNING BOARD HOSE TRAY FOR
20' OF 5.00" SOFT SUCTION
HOSE EACH SIDE

97.00
2.00   13.50   52.00   1.50   66.00   31.50   35.50
84.00   65.50   57.62 FC   58.00   86.00   28.00   12.00
219.00 WB
414.00 (34'-6.00") APPROX OAL

S/S LIGHT SHIELD

Pierce MANUFACTURING INC.				JOB NO.	33505
				SCALE	1:24
					DATE

CHASSIS DATA	TITLE	Pierce Pumper Approval Drawing	DRAWN BY	
	-		COL	14FEB19
MAKE	FOR	West Babylon Fire Department	CHECKED BY	
PIERCE	-		KBO	15FEB19
MODEL	DWG		SHEET SIZE	SHEET NO.
IMPEL	NO.	33505AD	D	1 OF 1

REV	DATE	BY	CH
	30MAY19	COL	-
	26APR19	COL	KBO
	21MAR19	COL	KBO
	15MAR19	COL	KBO