

DIMENSIONS SHOWN ON THIS DRAWING ARE APPROXIMATE AND ARE SUBJECT TO MINOR DEVIATIONS DURING CONSTRUCTION.

IN THE EVENT OF A DISCREPANCY BETWEEN THE SUTPHEN SPECIFICATIONS AND DRAWING, THE SUTPHEN SPECIFICATIONS SHALL PREVAIL.

DRAWING IS FOR REFERENCE ONLY. SOME ITEMS PROPOSED MAY NOT BE SHOWN OR NOTED.

CUSTOMER APPROVAL	
NAME:	
TITLE:	
DATE:	

REV.	-	-	DESCRIPTION	BY	DATE
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF SUTPHEN CORPORATION.					

DATE:	03/11/2024
DRAWN BY:	D.NAYLOR
REVIEWER:	-
APPROVER:	-
MFG. FACILITY:	URBANA



VM FIRE FOR FGFT STOCK PUMPER
DEWITT, NY

SUTPHEN MONARCH CHASSIS

DWG. NO. HS-8143

CUSTOMER APPROVAL	IF NOT RETURNED TO FGFT BY THE DATE INDICATED BELOW, WE WILL PROCEED WITH FABRICATION AS PER THE DRAWING
SALES SIGNATURE:	
CUSTOMER SIGNATURE:	
DATE:	
RETURN TO FGFT BY:	DATE: 5TH DEC 2024
REVIEWED BY:	
REVIEW DATE:	
ACCEPTED AS IS:	<input type="checkbox"/>
ACCEPTED WITH REVISION NOTED:	<input type="checkbox"/>
REVISE AS NOTED AND RE-SUBMIT:	<input type="checkbox"/>

BODY TYPE: EXTRUDED ALUMINUM
TANK TYPE: DRY SIDE

DOC. NO. : E018-1 DRAWING TEMPLATE
REV. C 2017-02-05

SPECIFICATION

CHASSIS:
-SUTPHEN MONARCH CHASSIS 73" WITH 10.5" RAISED ROOF
-47,000 LB GVWR; 20,000 LB FRONT / 27,000 LB REAR
-DIESEL ENGINE, CUMMINS L9 450HP DOC-DPF-DEF-SCR OBD
-AUTOMATIC TRANSMISSION, ALLISON GEN6, EVS 3000 (L9)
-STABILITY CONTROL SUPPLIED BY CHASSIS

PUMP:
-HALE MIDSHIP QMAX1500
-1500 USGPM (6000 LPM, 1250 IGPM) AT 150 PSI
-THIRD PARTY CERTIFICATION MEETING NFPA 1900-2024 EDITON

PLUMBING:
-2 x 6" SUCTION, (1)ROAD (1)CURB
-2 x 2 1/2" GATED SUCTION, (1)ROAD (1)CURB
-4 x 2 1/2" DISCHARGE PORT, (2)ROAD (1)CURB (1)REAR
-2 x 1 1/2" CROSS LAY'S
-1 x 3" MONITOR STAND PIPE
-1 x 1 1/2" TRASH LINE
-1 x 5" STORZ DISCHARGE W/3" PLUMBING, (1)CURB
-4" TANK TO PUMP, 3" BUTTERFLY VALVE
-2" TANK FILL AKRON

TANK:
-832 IG (1000 USG) WATER POLY TANK
-25 IG (36 USG) SINGLE INTEGRAL FOAM TANK

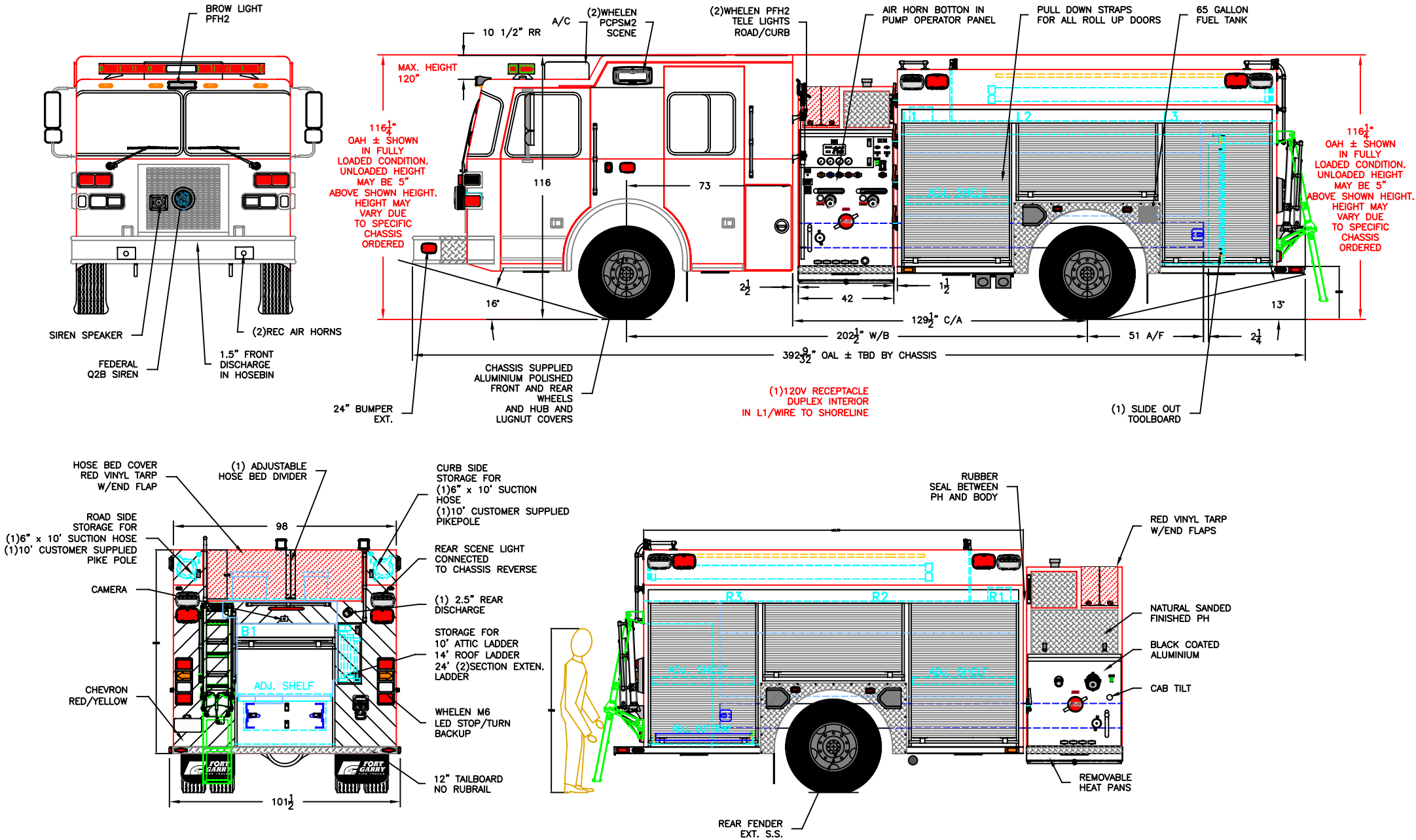
BODY:
-ER FLAT BACK ALUMINUM HIGH/HIGH
-BODY UNDERCOATING - CORASHIELD

EMERGENCY EQUIPMENT-ACCESSORIES: -LIGHT BAR 72" LED -SIREN -100W SPEAKER -2 x FLOOD LIGHTS -2 x GRILLE LIGHTS RED -4 x UPPER WARNING LIGHTS RED -4 x LOWER WARNING LIGHTS -2 x REAR UPPER WARNING LIGHTS -2 x REAR LWR WARNING LIGHTS RED -8 x GROUND LIGHTS -6 x SCENE LIGHTS -AIR CHARGING PROVISION -BATTERY CHARGING PROVISION -ANTENNA MOUNT -10' FOLDING LADDER -14' ROOF LADDER -24' EXTENSION LADDER -(2) 6" x 10' SUCTION HOSE -(1) 6" x BARREL STRAINER KOCHKEK	MODEL: WHELEN FREEDOM 72" WHELEN 295HFS2 SA4201-6B-A WHELEN MICRO PIONEER WHELEN M6 WHELEN M9 WHELEN M2 WHELEN M9 WHELEN M6 LUMA BAR H20-12" WHELEN M9EZ BLUE SEA CHARGER BLUE SEA PS12 DUO-SAFETY 585-A DUO-SAFETY 775-A DUO-SAFETY 900-A
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COMPT.	COMPARTMENT FRAME DIMENSIONS
L1	48.25W x 69H x 27D
L2	62.25W x 40H x 27D
L3	48.25W x 69H x 27D
R1	48.25W x 69H x 15/27D
R2	62.25W x 40H x 15D
R3	48.25W x 69H x 15/27D
B1	44W x 54H x 30D

- THE DRAWING IS FOR REFERENCE PURPOSE, ONLY. THE DRAWING MAY OR MAY NOT SHOW ALL ITEMS AS DESCRIBED IN THE WRITTEN DETAILED SPECIFICATION.
- INCLUSION OF AN ITEM ON THE DRAWING DOES NOT CONSTITUTE INCLUSION OF THAT ITEM WITH THE FINAL DELIVERY OF THE UNIT. SPECIFICATION SHALL BE FINAL AUTHORITY TO BE DETERMINED WHAT IS SUPPLIED ON THE APPARATUS.
- THE EFFECTIVE COMPARTMENT SIZE FOR ROLLUP DOORS WILL BE REDUCED APPROX. 10" IN HEIGHT, 2" IN DEPTH AND 2" IN WIDTH FROM SHOWN FRAME OPENINGS AND 2" IN HEIGHT, 3" IN DEPTH AND UP TO 4" IN WIDTH FOR PAN DOORS. DIMENSIONS TOLERANCE $\pm 1/4"$
- PUMP RATING AND TANK CAPACITY ARE SHOWN AS NOMINAL VALUES. THE ACTUAL VALUES MAY VARY.
- CHASSIS GVWR SHOWN IS THE MINIMUM REQUIRED FOR STANDARD BODY DEPENDING OF OPTIONS. GVWR MAY NEED TO BE INCREASED.
- COMMERCIAL OEM CAB STEPS MAY NOT MEET ULC STANDARD. SELECT CUSTOM STEPS WHEN REQUIRED
- OVERALL HEIGHT IS IN LOADED CONDITION, UNLOADED HEIGHT MAY BE 4" ABOVE HEIGHT SHOWN. AFTER TRUCK IS COMPLETED ADDITIONAL STEPS MAY BE REQUIRED TO MEET THE STANDARD
- DIMENSIONS SHOWN ARE APPROXIMATE AND ARE SUBJECT TO CHANGE AS MAY BE FOUND NECESSARY DURING DESIGN. DO NOT SCALE DRAWING.
- MINOR DETAILS AND REFLECTIVE STRIPING ARE NOT SHOWN.

THIS DRAWING IS PROPERTY OF FORT GARRY FIRE TRUCKS LTD (FGFT) AND MUST NOT BE COPIED OR REPRODUCED IN WHOLE OR IN PART, BY ANY METHOD WHATSOEVER, WITHOUT AUTHORIZATION OF FGFT.



E	PPM DRAWING	SP	28 JAN 2025
D	CUSTOMER SIGN OFF DRAWING	SP	20 NOV 2024
C	CRM DRAWING	SP	06 NOV 2024
B	FUEL TANK AND A/F CHANGED	TV	09 AUG 2024
A	CRM DRAWING		
REV	DESCRIPTION OF CHANGE	BY	DATE

FORT GARRY
FIRE TRUCKS
WWW.FGFT.COM
WINNIPEG, MANITOBA, CANADA 1-800-565-3473

DESCRIPTION:
VANDER MOLEN FIRE APPARATUS
SCALE: 1:50
DWG. BY: SP
CHK. BY:

MODEL: ERS08H6
SHEET: 1 OF 1
DWG. NO.: J0532 STK
DATE: 01 DEC 2023