



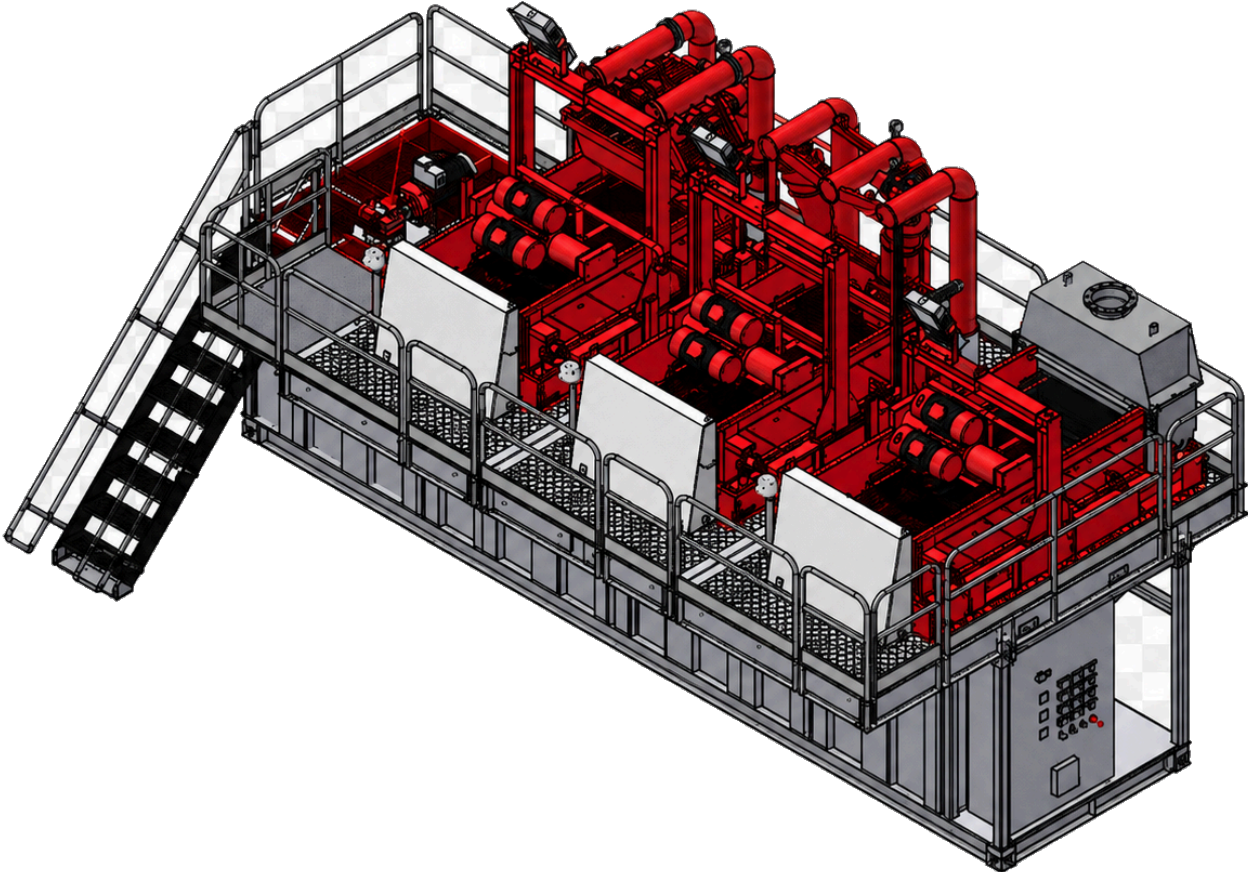
SYSTEM OVERVIEW

A modular 600 GPM mud recycling package combining shale-shaker, desander, desilter, pumping, and four-compartment tank functions on a serviceable skid platform.

CAPACITY	600 GPM 2,271 L/min 136 m³/h
MODEL	GMR-600 S/N SMZT600GPM
PROCESS	Shale Shaker • Desander • Desilter
TANK	4 Compartments Approx. 17.7 m³ / 4,676 gal
VOLUMES	4.0 / 4.7 / 4.7 / 4.3 m³

CONFIGURATION HIGHLIGHTS

- Skid-mounted modular construction
- Integrated access stairs, rails, lighting, and control cabinet
- GNSB centrifugal pump package shown in engineering drawings
- Service access around all primary separation modules



SKID-MOUNTED MULTI-STAGE SOLIDS CONTROL

APPROXIMATE MODULE WEIGHTS FROM SOURCE DRAWINGS

SHALE SHAKER	DESANDER	DESILTER	TANK ASSEMBLY
3,000 kg 6,614 lb	4,500 kg 9,921 lb	4,500 kg 9,921 lb	8,500 kg 18,739 lb



OVERALL SYSTEM LAYOUT

GLADIATOR GMR-600 • 600 GPM MUD RECYCLING SYSTEM

TECHNICAL SPECIFICATION

SHEET 02 OF 06

SHEET 01

MODEL

GMR-600

S/N

SMZT600GPM

TANK VOLUME

Approx. 17.7 m³

COMPARTMENTS

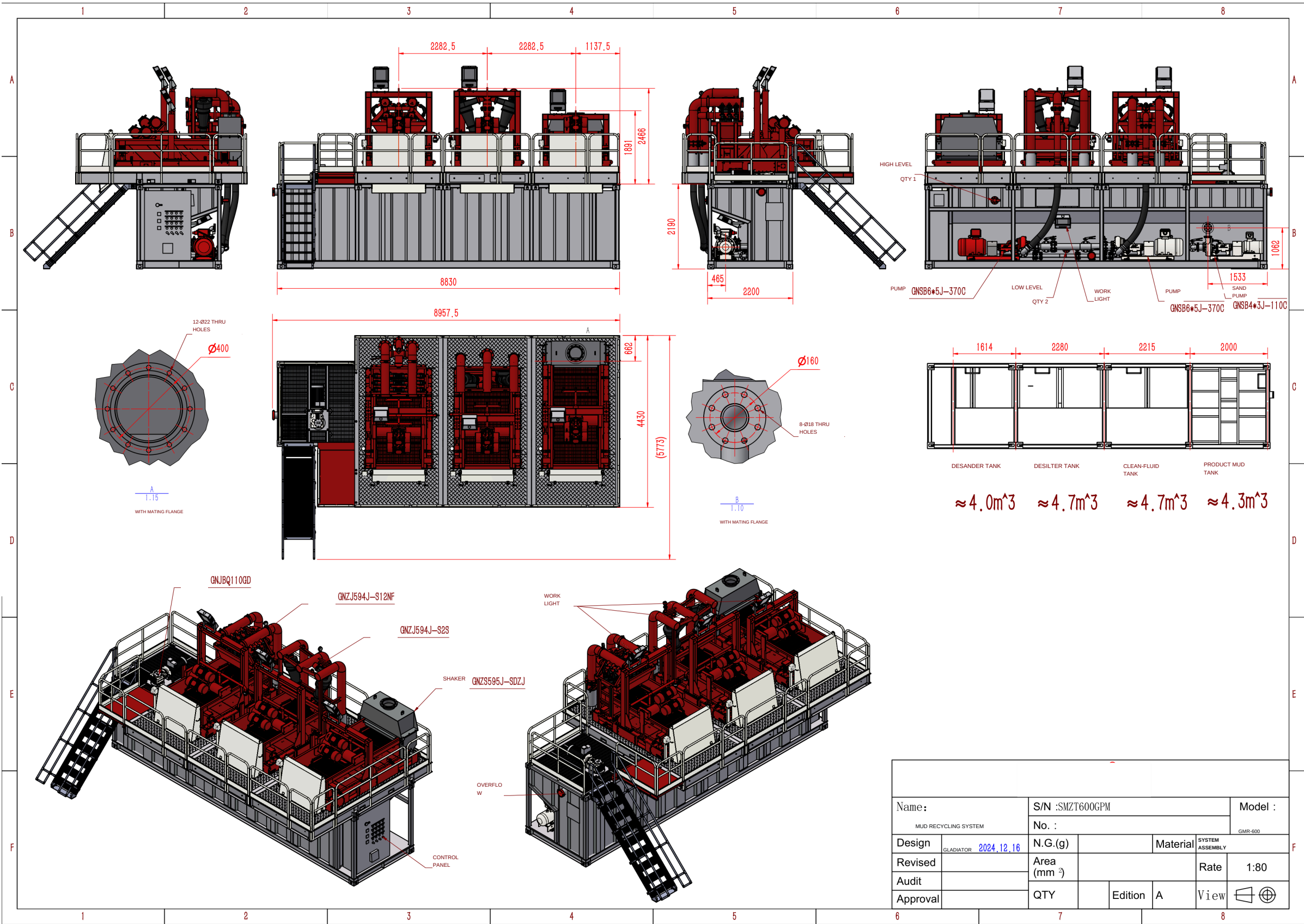
4

PROCESS

Shaker / Desander / Desilter

DRAWING NOTES

- Dimensions are shown in millimeters.
- Tank volumes are approximate.
- Pump model references remain as shown in the source drawing.
- English labels replace the original Chinese callouts.



Name:		S/N :SMZT600GPM		Model :	
MUD RECYCLING SYSTEM		No. :		GMR-600	
Design	GLADIATOR 2024.12.16	N.G.(g)		Material	SYSTEM ASSEMBLY
Revised		Area (mm ²)		Rate	1:80
Audit		QTY		Edition	A
Approval				View	⊕ ⊗



SHALE SHAKER MODULE

SKID-MOUNTED SHALE SHAKER ASSEMBLY

TECHNICAL SPECIFICATION

SHEET 03 OF 06

SHEET 02

APPROX. WEIGHT

3,000 kg / 6,614 lb

LENGTH

4,430 mm / 14 ft 6.4 in

WIDTH

2,275 mm / 7 ft 5.6 in

HEIGHT

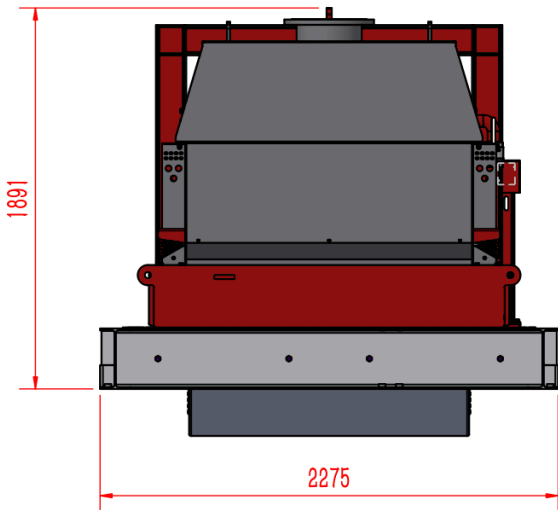
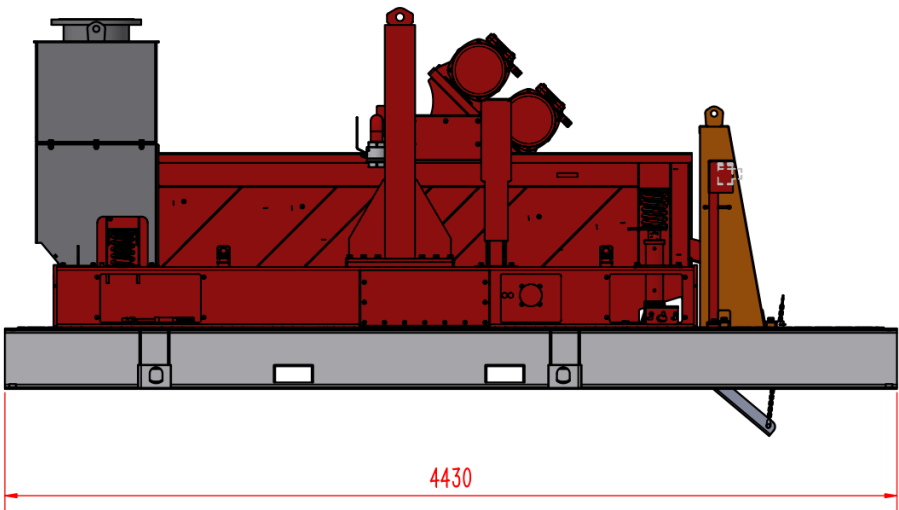
1,891 mm / 6 ft 2.4 in

DRAWING

GNXT24110-01-02

DRAWING NOTES

- Skid-mounted module.
- Approximate weight from source drawing.
- Verify lifting points and shipping configuration before transport.



WEIGHT: APPROX. 3,000 kg / 6,614 lb

Name:		S/N :GNXT24110-01-02			Model :	
SHALE SHAKER ASSEMBLY		No. :			GMR-600	
Design	GLADIATOR 2026.7.2	N.G.(g)	Material		ASSEMBLY	
Revised		Area (mm ²)	Rate		1:40	
Audit		QTY	Edition	A1	View	
Approval						



DESANDER MODULE

SKID-MOUNTED DESANDER ASSEMBLY

SHEET 03

APPROX. WEIGHT

4,500 kg / 9,921 lb

LENGTH

4,430 mm / 14 ft 6.4 in

WIDTH

2,275 mm / 7 ft 5.6 in

HEIGHT

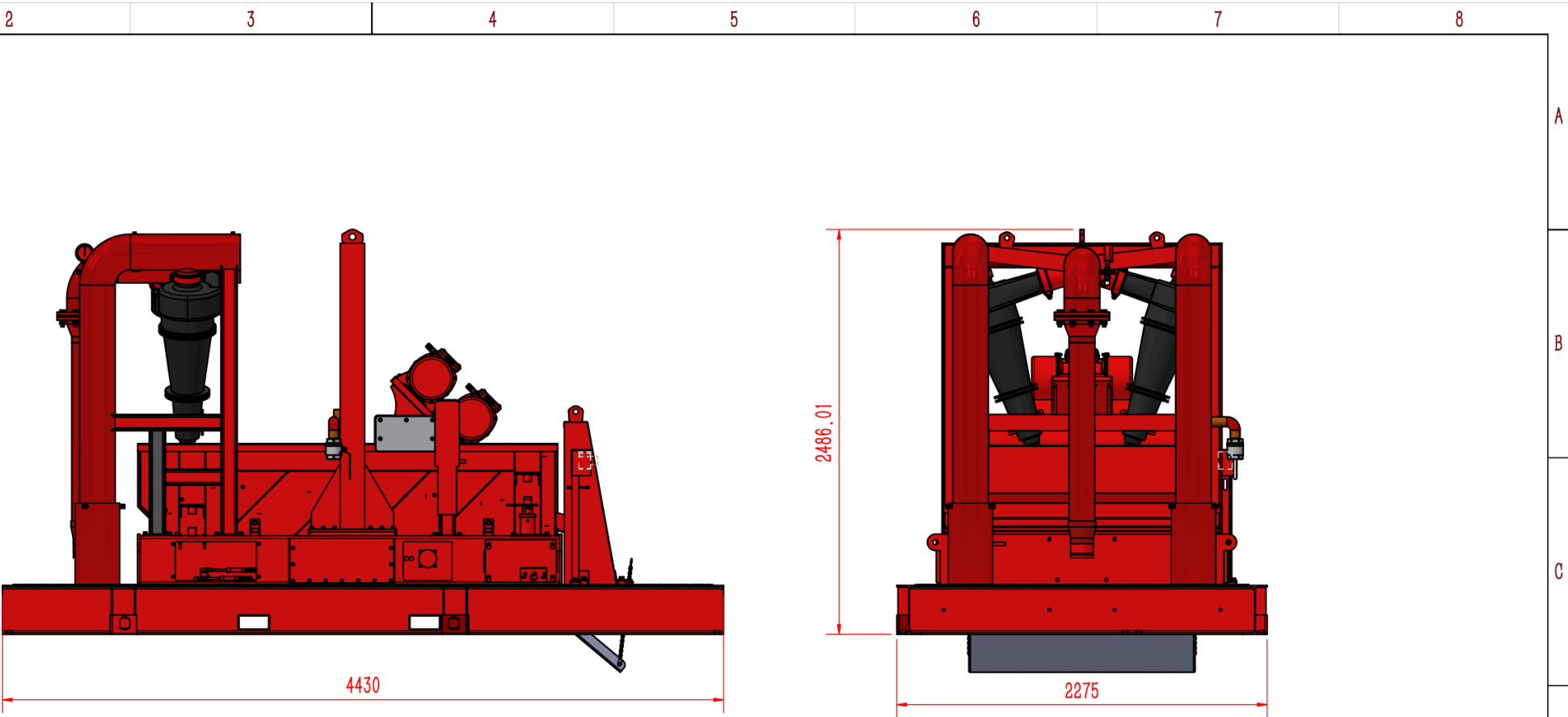
2,486 mm / 8 ft 1.9 in

DRAWING

GNXT24110-01-03

DRAWING NOTES

- Skid-mounted desander package.
- Approximate weight from source drawing.
- Verify final cyclone and piping configuration against production build.



WEIGHT: APPROX. 4,500 kg / 9,921 lb

Name : DESANDER ASSEMBLY		S/N :GNXT24110-01-03		Model : GMR-600	
Design	GLADIATOR 2026.7.2	No. :		Material	
Revised		Area (mm ²)		Rate	1:40
Audit		QTY		Edition	A1
Approval		View			



DESILTER MODULE

SKID-MOUNTED DESILTER ASSEMBLY

SHEET 04

APPROX. WEIGHT

4,500 kg / 9,921 lb

LENGTH

4,430 mm / 14 ft 6.4 in

WIDTH

2,275 mm / 7 ft 5.6 in

HEIGHT

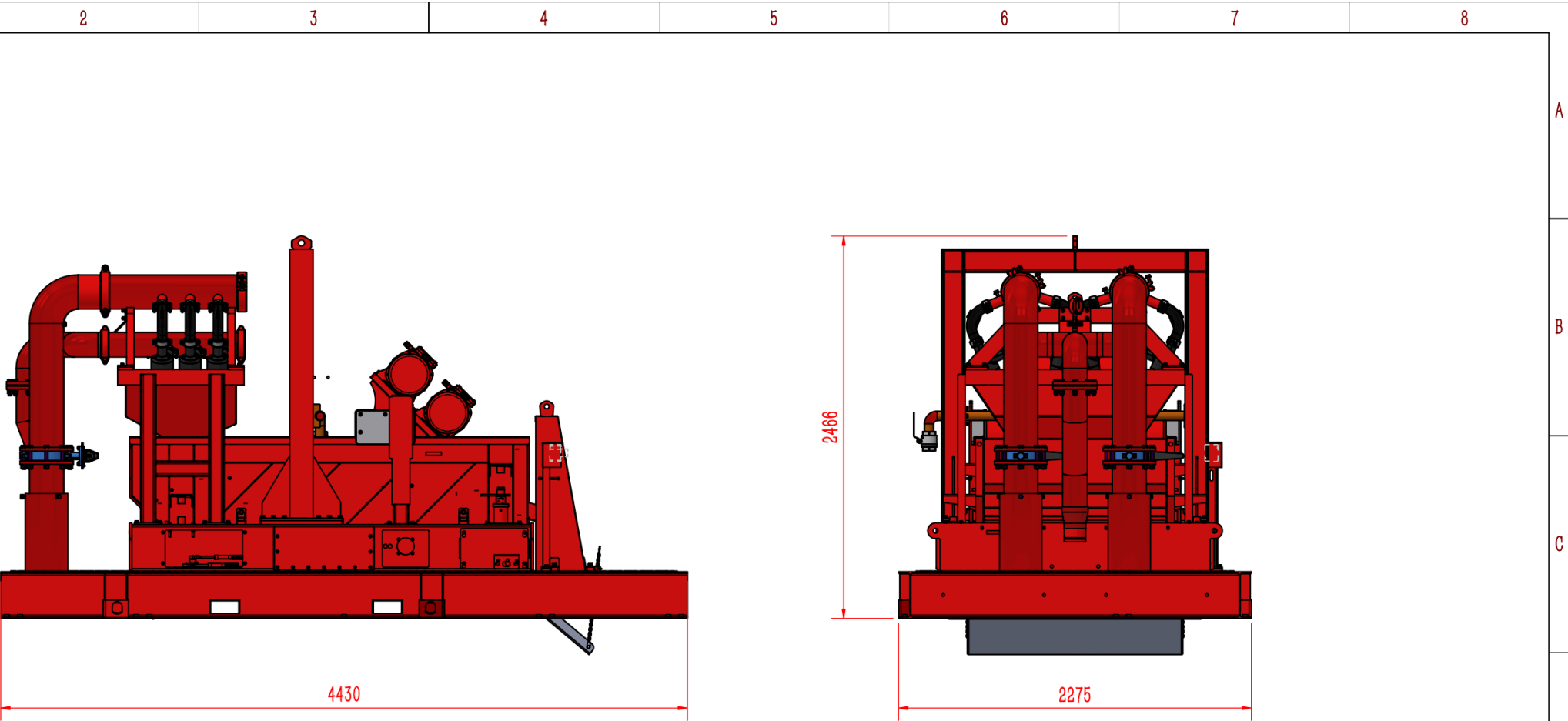
2,466 mm / 8 ft 1.1 in

DRAWING

GNXT24110-01-04

DRAWING NOTES

- Skid-mounted desilter package.
- Approximate weight from source drawing.
- Verify final cyclone and piping configuration against production build.



WEIGHT: APPROX. 4,500 kg / 9,921 lb

Name : DESILTER ASSEMBLY			S/N :GNXT24110-01-04					Model : GMR-600	
			No. :						
Design	GLADIATOR 2026.7.2		N.G.(g)			Material	ASSEMBLY		
Revised			Area (mm ²)				Rate	1:40	
Audit									
Approval			QTY		Edition	A	View		



TANK ASSEMBLY

FOUR-COMPARTMENT PROCESS TANK

SHEET 05

APPROX. WEIGHT
8,500 kg / 18,739 lb

OVERALL LENGTH
8,930 mm / 29 ft 3.6 in

BODY LENGTH
8,830 mm / 28 ft 11.6 in

WIDTH
2,200 mm / 7 ft 2.6 in

HEIGHT
2,190 mm / 7 ft 2.2 in

DRAWING NOTES

- Four process compartments are identified on the overall layout.
- Approximate weight from source drawing.
- Confirm final tank fittings and pump arrangement before fabrication approval.

