








 Gachsaran Polymer Industries Company	Gachsaran Polymer Industries Company HDPE Plant		
	General Arrangement Drawing (2D) (*Tie-In Points , Skid Dimensions & Orientation, Including Instrument, Junction Box and Local Panel Location Layout & Instrument Cable routing.) for Refrigerator Package	 	
PO No.: GPIC-PT-MA-PO-000-3029	Document Number: VD-GPIC-MA-3029-3029-0062	Rev. 00	Page 1 of 11

General Arrangement Drawing (2D) (*Tie-In Points , Skid Dimensions & Orientation, Including Instrument, Junction Box and Local Panel Location Layout & Instrument Cable routing.) for Refrigerator Package

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 Energy Industries Engineering & Design co.	Date: Jul.20, 2025 Dept.: MA Signature: F.Hamooni

00	28-Jun-25	IFR	A.M	A.M	F.T
Rev.	DATE	PURPOSE OF ISSUE	PREPARED	CHECKED	APPROVED

  Gachsaran Polymer Industries Company PIDMCO	Gachsaran Polymer Industries Company HDPE Plant		
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2	X				
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10	X				
11	X				

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PI-01:

1- Displacement and allowable loads at tie-in points shall be specified by vendor. Table of Allowable nozzle loads shall be add for tie-in points.

2- Isometric of piping inside package including supports type(rest, Guide , Stop) and position, shall be provided by vendor.

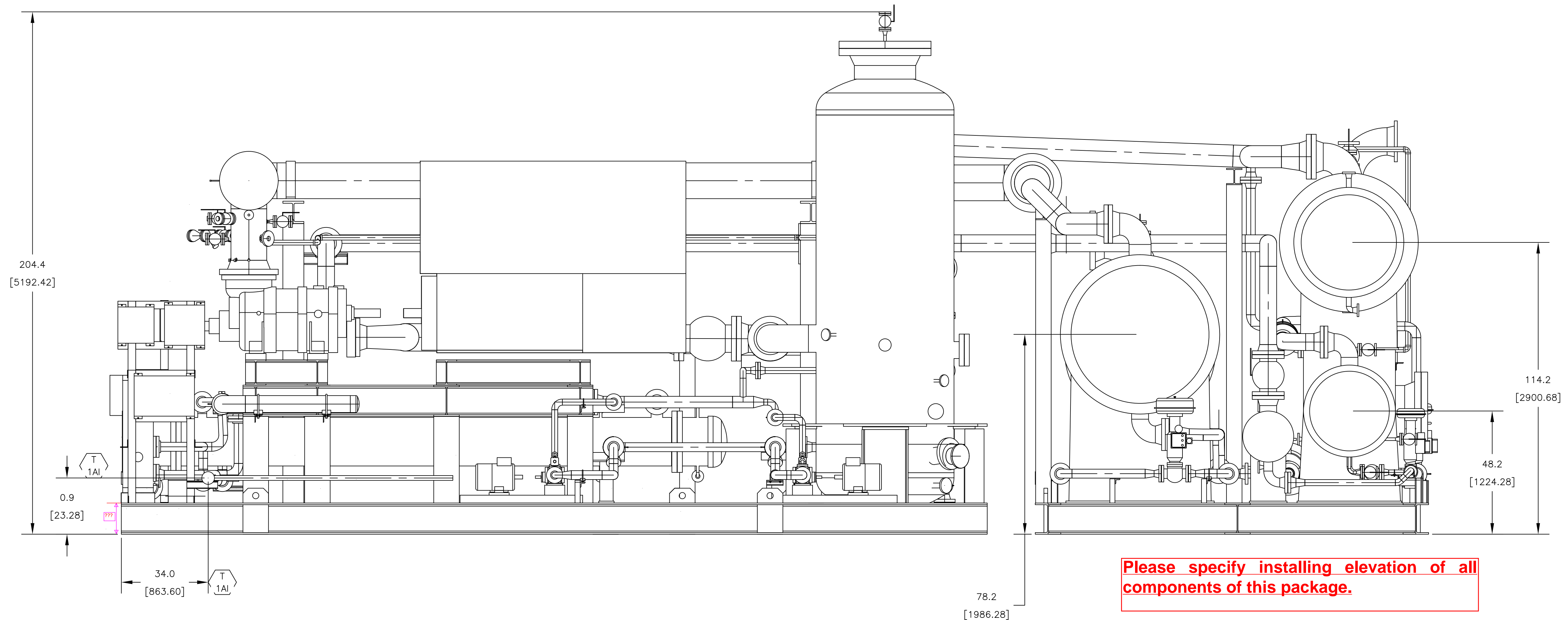
- Furthermore, fixed(anchor) supports shall be considered at tie-ins with EIED in order to separating scope of work.

3- Stress Analysis Report including Caesar II native files for critical pipes inside package shall be provided by vendor.

4- Expansion joints data sheet (including type, spring rate and etc.) shall be provided by vendor. (if required)

22					
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25					

EL02: Local Panel and junction boxes shall be numbered and displayed in a table with tags.



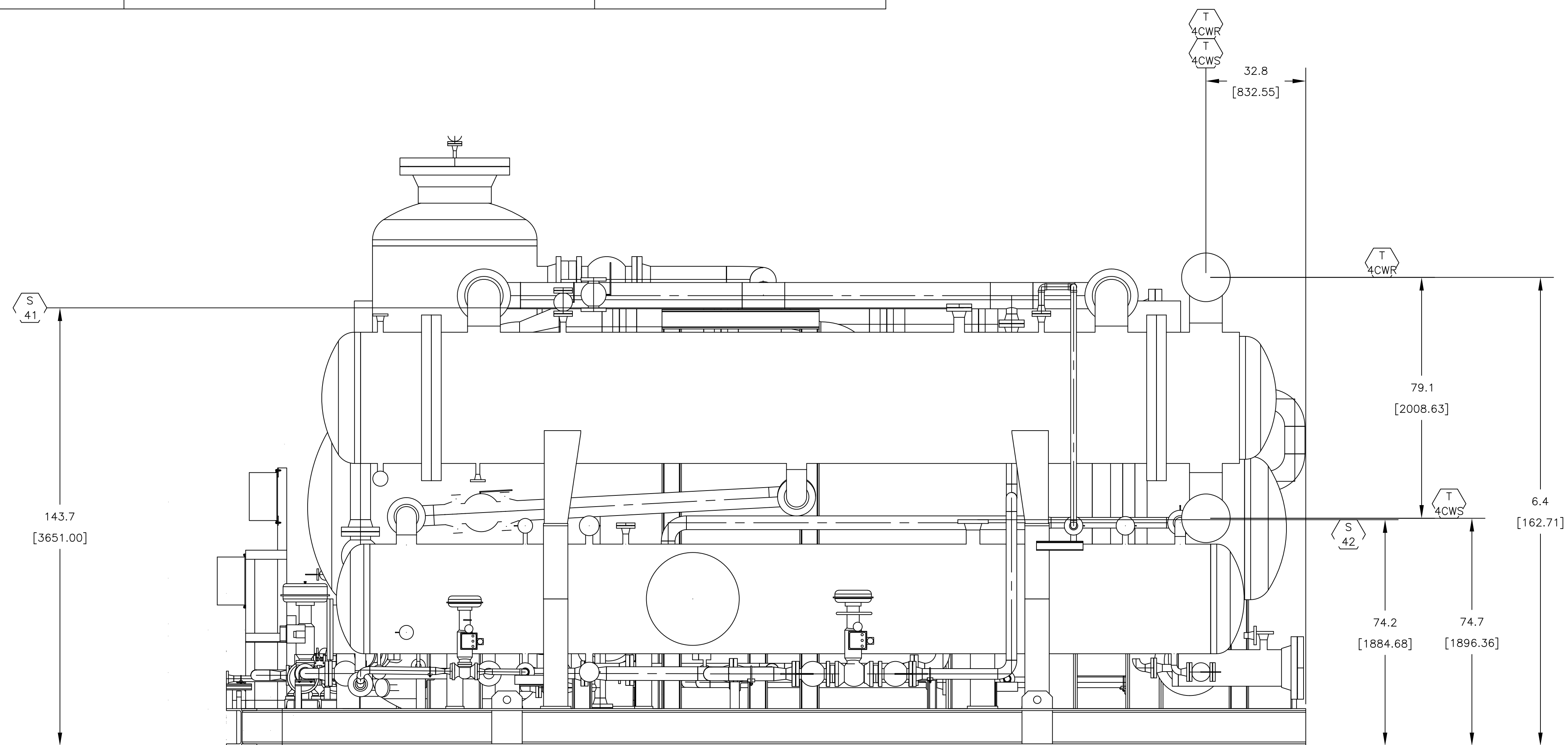
FRONT VIEW

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PO No.: xxxxxx		CONTRACT NO.: GPI-CON-99-008			
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CONNECTION LIST			
NO.	LOCATION	DESCRIPTION	SIZE
T-1AI	COMPRESSOR SKID-A	INSTRUMENT AIR SUPPLY	1"-150 ANSI RF
T-2AI	COMPRESSOR SKID-B	INSTRUMENT AIR SUPPLY	1"-150 ANSI RF
T-4AI	VESSEL SKID	INSTRUMENT AIR SUPPLY	1"-150 ANSI RF
T-3CWS	COMPRESSOR SKID-A	OIL COOLER COOLING WATER SUPPLY	3"-300 ANSI RF
T-3CWR	COMPRESSOR SKID-A	OIL COOLER COOLING WATER RETURN	3"-300 ANSI RF
T-4CWS	VESSEL SKID	OIL COOLER COOLING WATER SUPPLY	10"-300 ANSI RF
T-4CWR	VESSEL SKID	OIL COOLER COOLING WATER RETURN	10"-300 ANSI RF
T-41	VESSEL SKID	FILTER/DRYER INLET	2"-300 ANSI RF
T-51	VESSEL SKID	CHILLER PROCESS INLET	16"-300 ANSI RF
T-52	VESSEL SKID	CHILLER PROCESS OUTLET	16"-300 ANSI RF
S-31	COMPRESSOR SKID-A	OIL SEPARATOR PRESSURE SAFETY	4"-300 ANSI RF
S-41	VESSEL SKID	CONDENSER PRESSURE SAFETY	3"-300 ANSI RF
S-42	VESSEL SKID	RECEIVER PRESSURE SAFETY	4"-300 ANSI RF
S-43	VESSEL SKID	ECONOMIZER PRESSURE SAFETY-SHELL	1-1/2"-300 ANSI RF
S-44	VESSEL SKID	ECONOMIZER PRESSURE SAFETY-TUBE	1"-300 ANSI RF
S-51	VESSEL SKID	CHILLER PRESSURE SAFETY	4"-300 ANSI RF

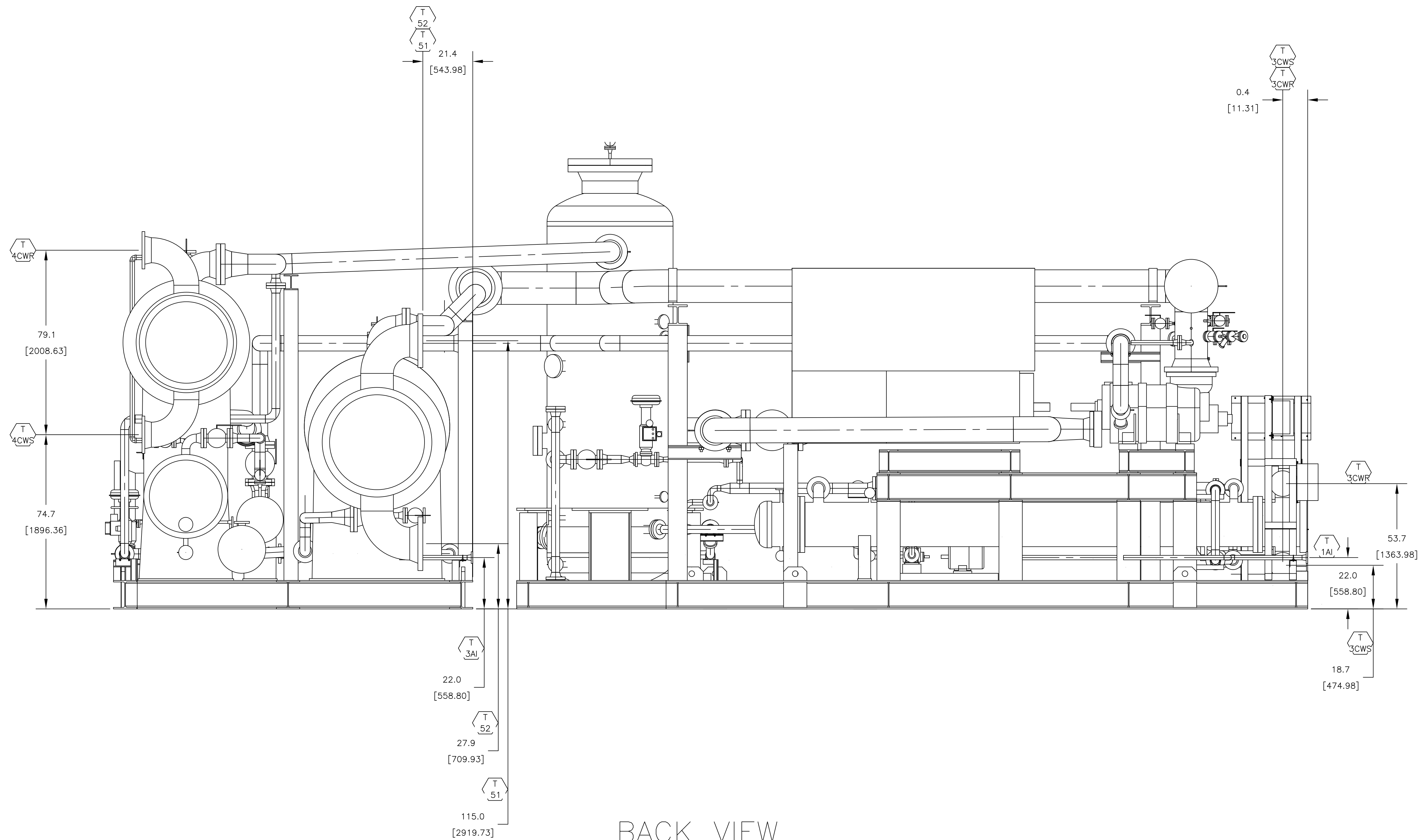
Gasket contact surface finish for raised or flat faces Flanges, Blind Flanges, Spades, and Spectacle Blinds, shall be finished in accordance with ASME B16.5, concentric or spiral serrated (125-250 μin. AARH) and for RJ flanges as per 63 μin. AARH.



RIGHT VIEW

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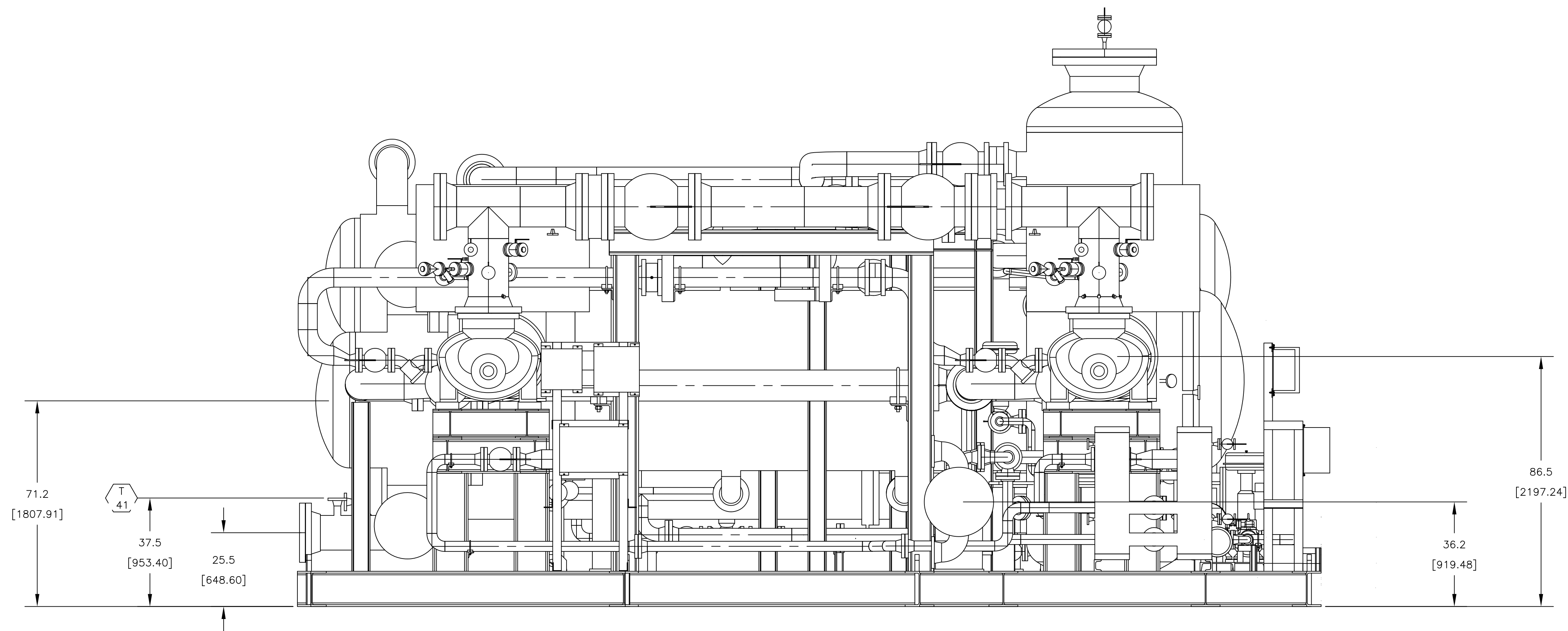
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REV.	DATE (DD.MM.YY)	Purpose of Issue	Prepared	Checked	Approved
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BACK VIEW

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LEFT VIEW

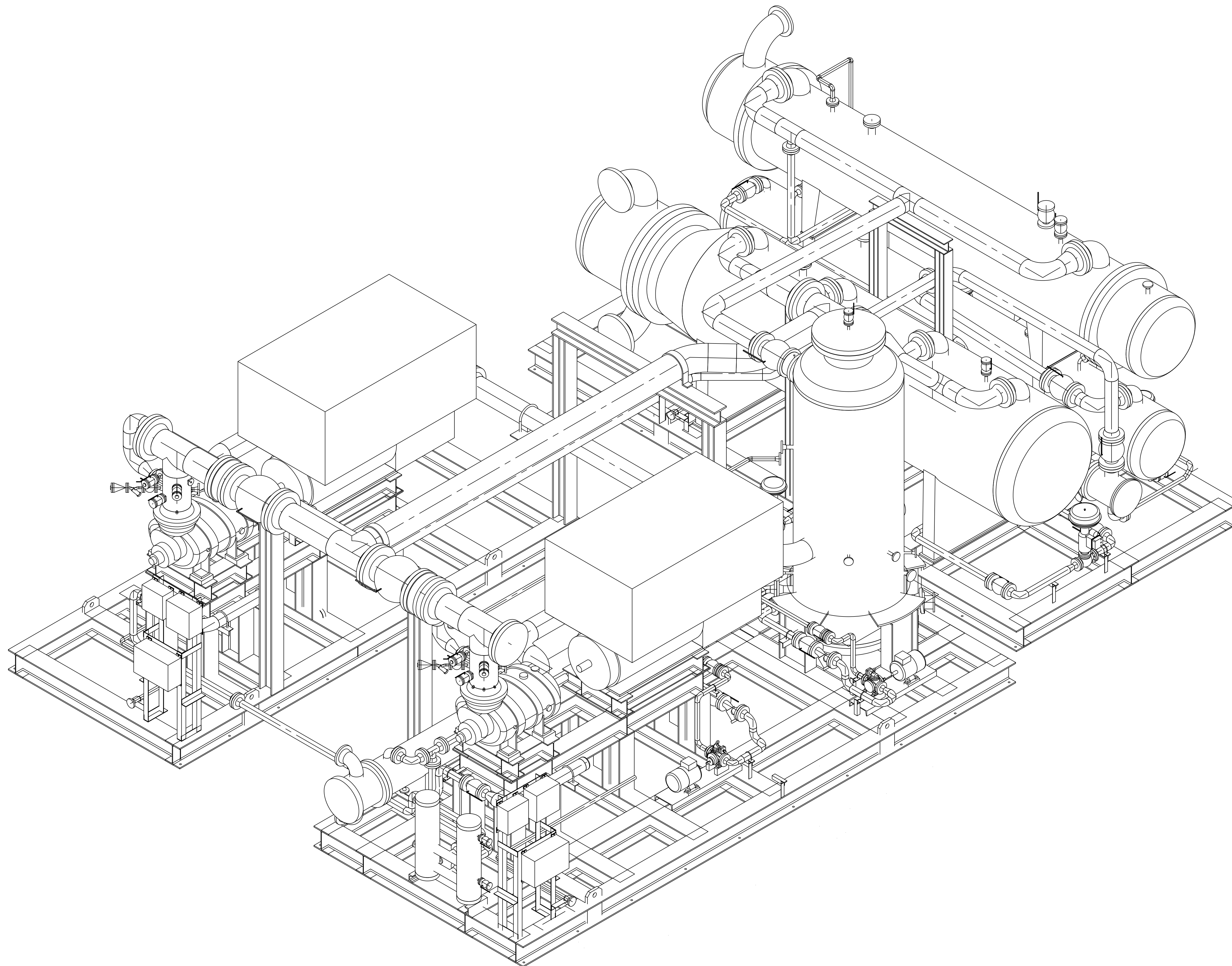
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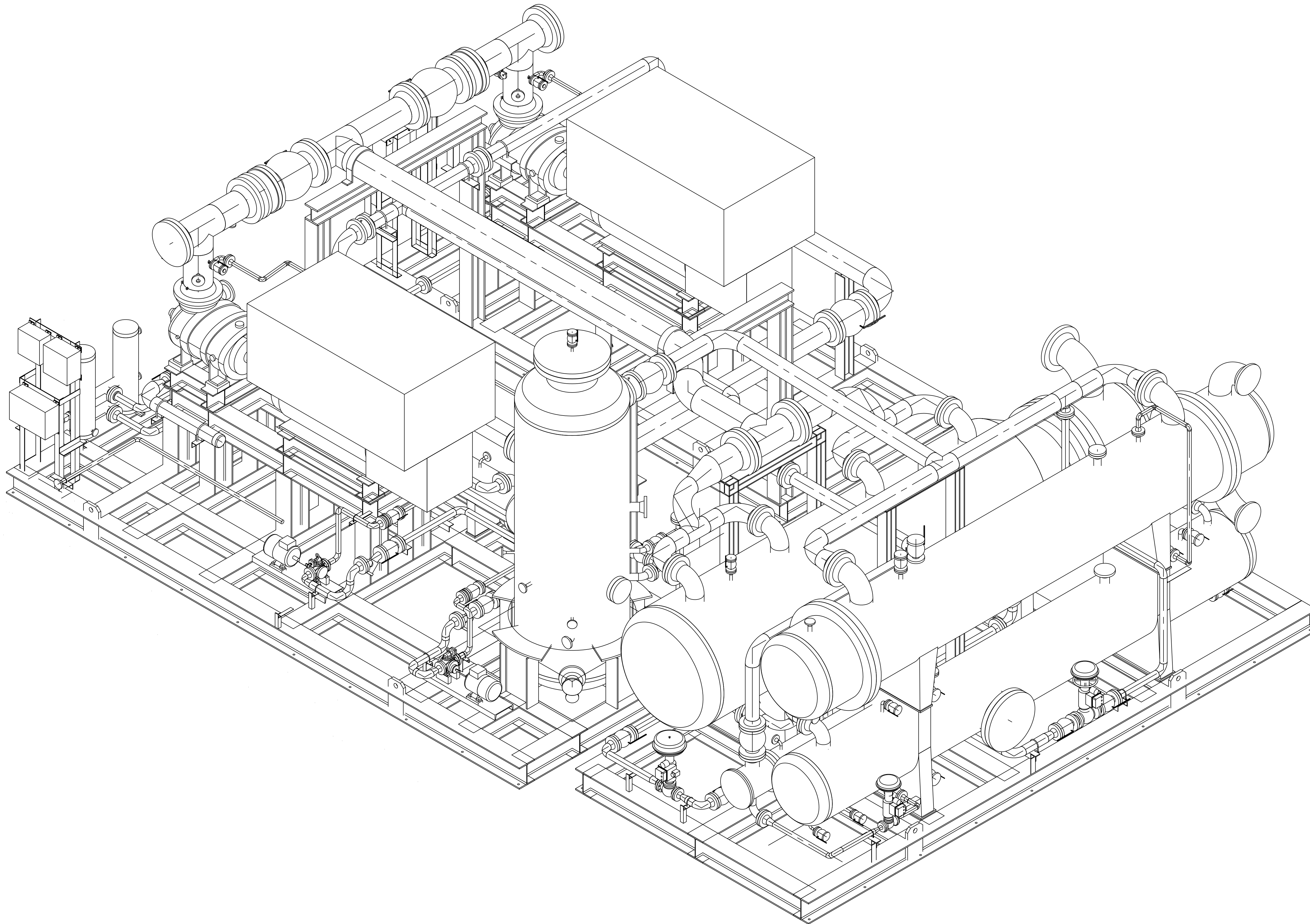
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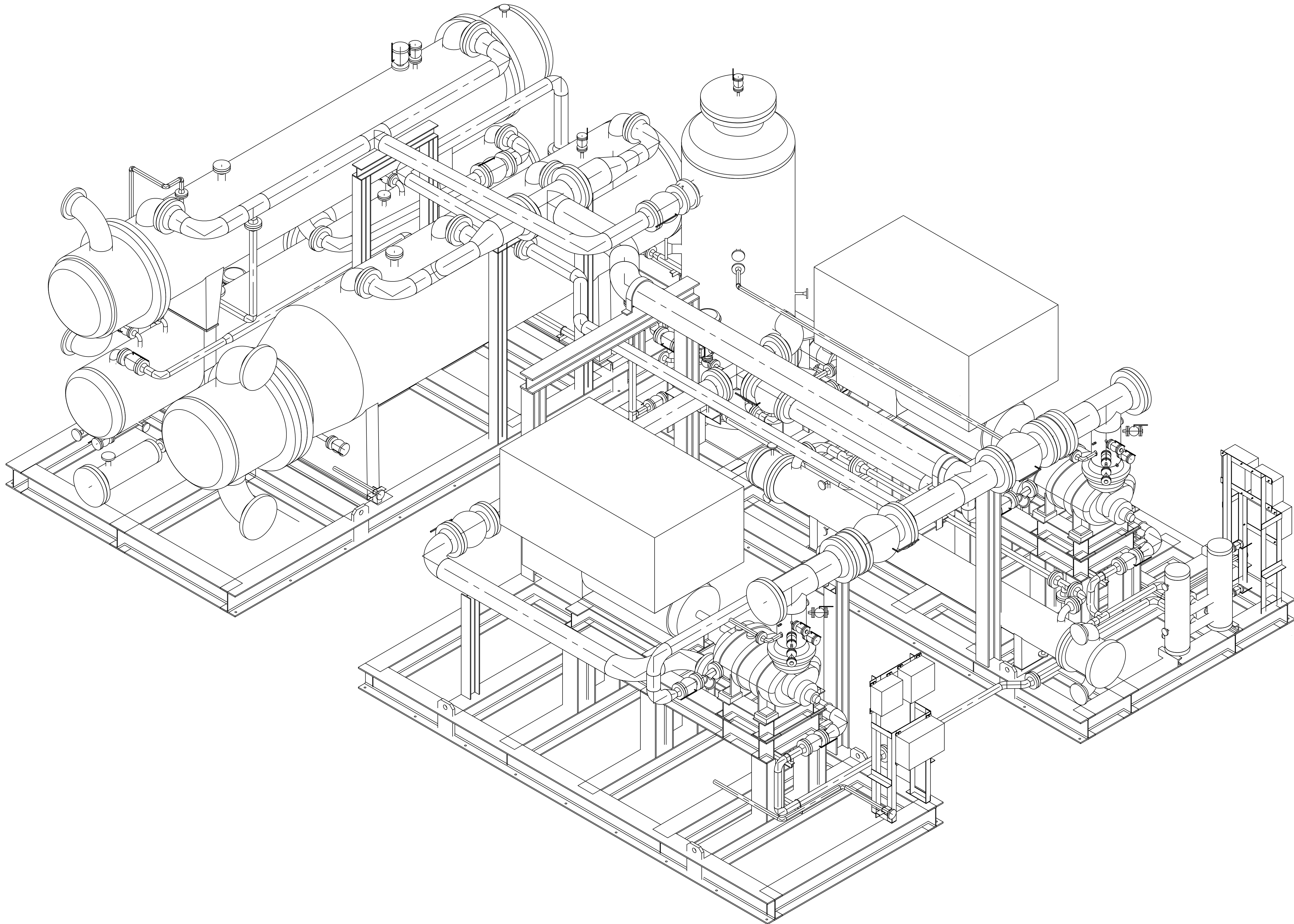
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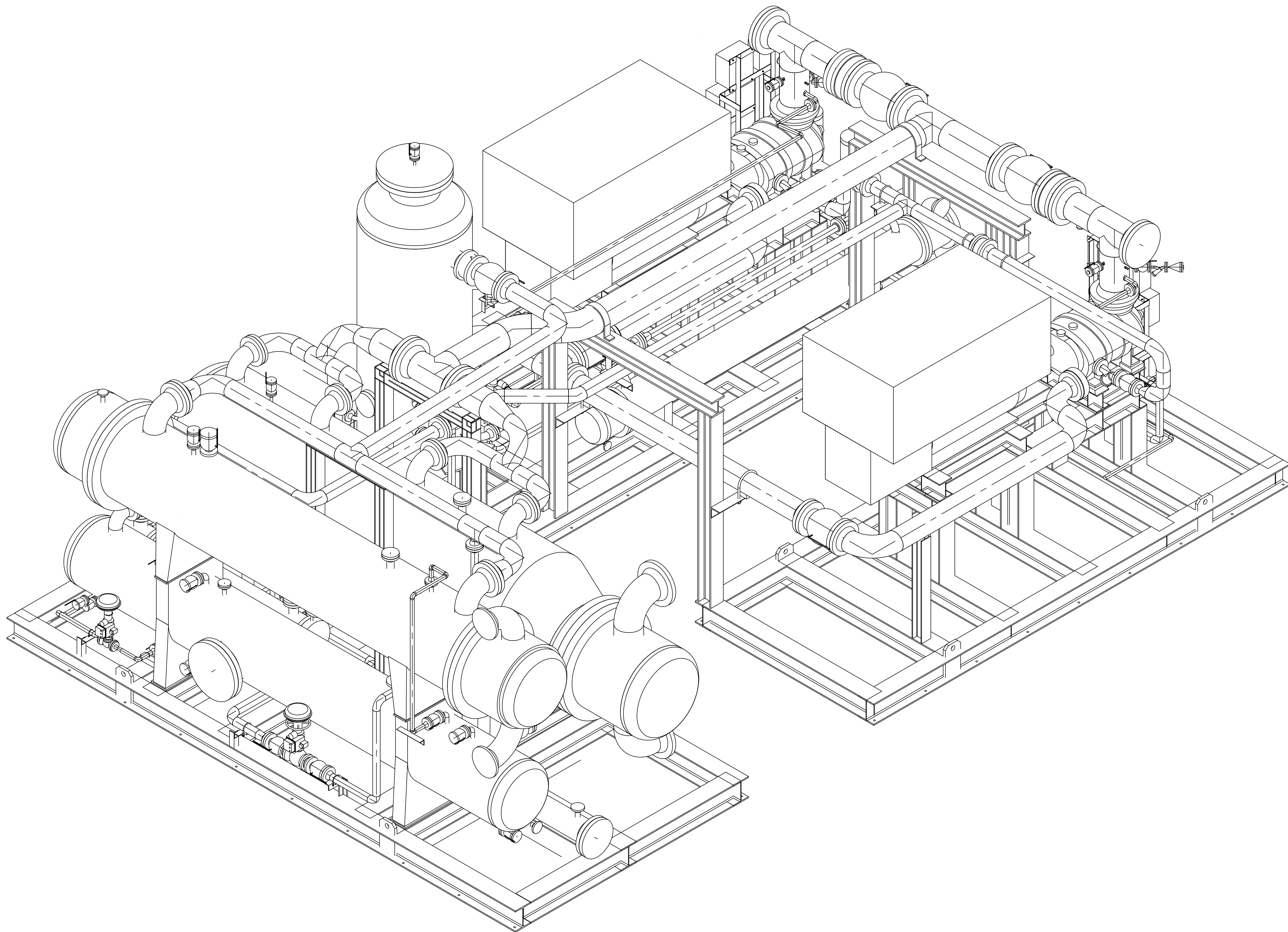
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