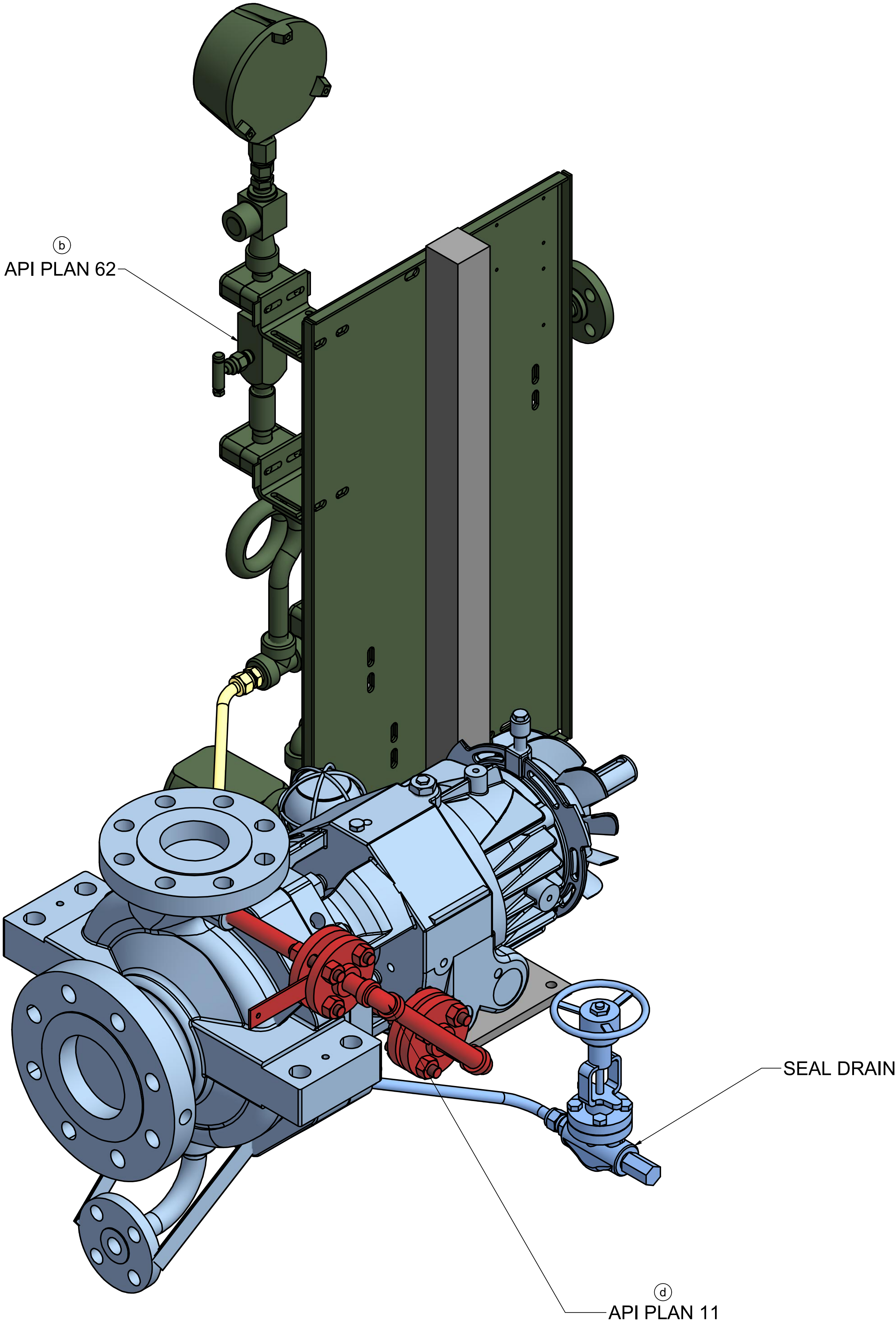


- NOTES:**
- 1. SEE GENERAL ARRANGEMENT DRAWING **PGA1004564930010-01** FOR LOCATION OF TERMINATION POINTS.
 - 2. COLORS ARE NOT INTENDED TO REPRESENT "AS SHIPPED" PAINT REQUIREMENTS. THEY ARE FOR QUICK IDENTIFICATION OF PIPING AND EQUIPMENT.
 - 3. MODELED REPRESENTATIONS ONLY, ACTUAL CONFIGURATION MAY VARY. INCLUDING THE USE OF BENDS, TO REDUCE THE NUMBER OF FITTINGS.
 - 4. EQUIPMENT WILL NOT OVERHANG BASE.
 - 5. PIPING TO BE SUPPORTED PER SULZER STANDARDS.
 - 6. ALL WELDS CONFORM TO ASME B31.3 (PER API 610).
 - 7. THREADED CONNECTIONS AT SEAL GLANDS AND INSTRUMENTATION.



CONTRACT DATA

PURCHASER:	Air Products Manufacturing LLC.
USER:	WORLD ENERGY PARAMOUNT
JOB/PROJECT:	World Energy Renewables Project
CUST. P.O. NO.:	4505551383
SERVICE:	T-10003 RECIRCULATING PUMP
INSTALLED AT:	World Energy, Paramount, CA, USA
PUMP OEM:	SULZER PUMPS
SULZER ORDER NO.:	100456493-0010

IDENTIFICATION NUMBERS

SULZER SERIAL NO.	CUSTOMER TAG NO'S	
	PUMP	DRIVER
649499	18-P-1805	18-P-1805M

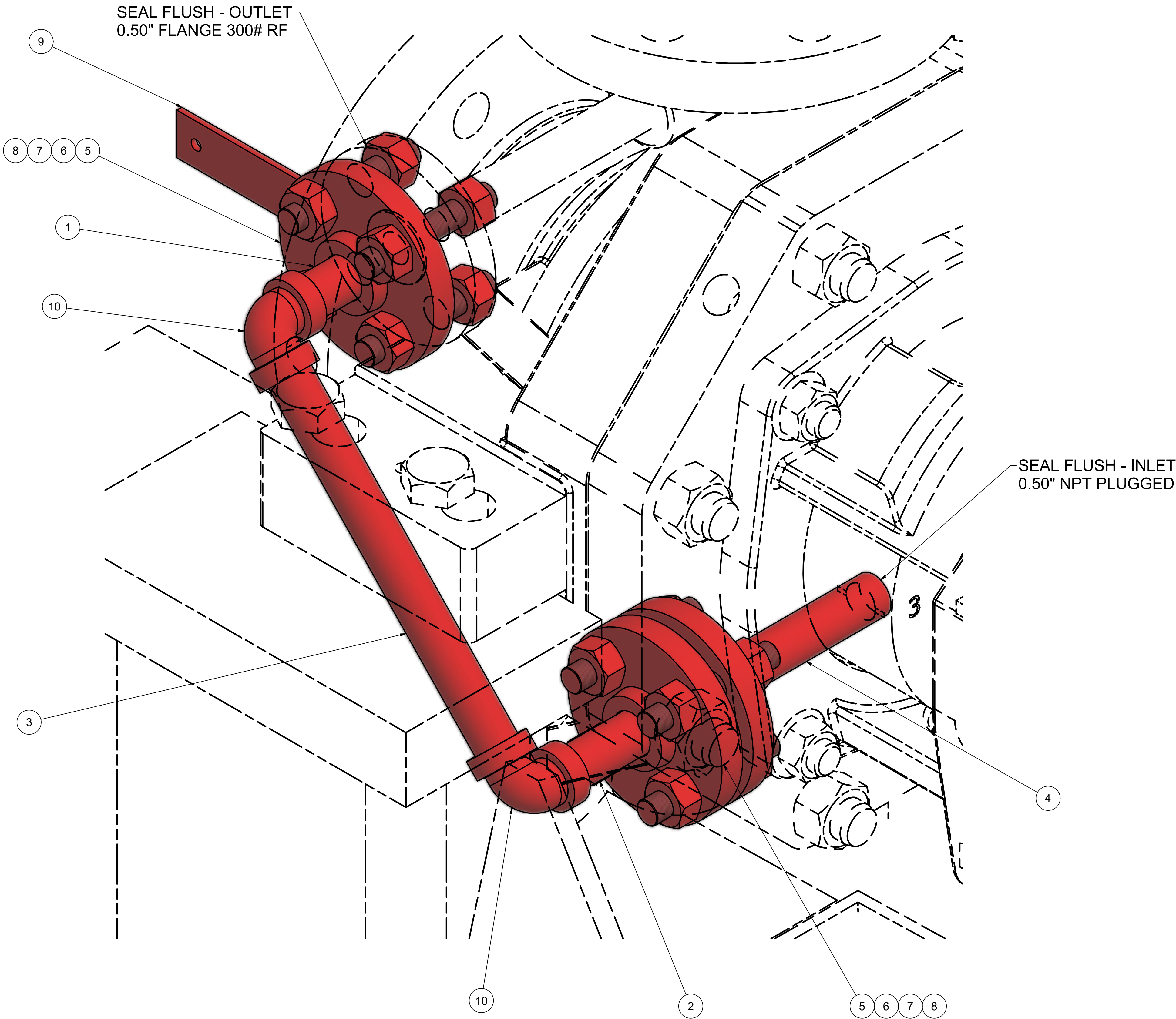
DRAWING CONTENT

SHEET DESCRIPTION	SHEET NO.
GA ISOMETRIC DATA SHEET	1
API PLAN 11	2
API PLAN 62	3
SEAL DRAIN	4

d	CHANGES ACCORDING TO CUSTOMER COMMETS	20-FEB-2023	20-FEB-2023	20-FEB-2023
		J. FLORES	C. HERNANDEZ	C. GONZALEZ
REV.	MODIFICATION	MODIFIED	CHECKED	APPROVED
SEP. PARTS LIST:	NO	FORMAT: A1	DESIGN GROUP: -	THIRD ANGLE PROJECTION
REPLACED BY:	-	SUBSTITUTE FOR:	ORIGINAL SCALE:	-
OHH	GENERAL ARRANGEMENT ISOMETRIC AND DATA SHEET			DRAWN: 04/APR/2022 J. FLORES
3X4X8A				CHECKED: 04/APR/2022 J. FLORES
SULZER PUMPS	- PIPING DRAWING			APPROVED: 04/APR/2022 C. GONZALEZ
100456493-0010				

SULZER	PART NO. -	EN	APP1004564930010-01	1 / 4
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PART LIST						
POS	QTY/Length	Art-No	Description	Size	Class	Material
1, 2, 3, 4	16 in	104961123906	PIPE	1/2-SCH160		A312 Type TP316L Seamless
5	3	020032840304	FLANGE, SW	1/2	300RF	A182 Gr F316/F316L Dual Grade
6	16	015203690504	NUT	1/2-13UNC-2B		A194 GR 2H
7	3	204795108223	GASKET, SPIRAL WOUND	1/2-CG	300	AISI 316/ Flexible Graphite
8	8	015103731403	STUD	1/2-13UNC-2Ax3.0		A193 GR B7
9	1	104753517009	ORIFICE	1/2-300RF, d=0.250"	300RF	AISI 316
10	2	104942700728	ELBOW, SW, 90 DEG	1/2	3000	A182 GR F316L



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TRANSMITTED IN ANY FORM OR BY ANY MEANS,
ELECTRONIC OR MECHANICAL, INCLUDING
PHOTOCOPYING AND RECORDING, WITHOUT THE
EXPRESS **PRIOR** WRITTEN CONSENT OF SULZER
PUMPS

CONTRACT DATA	
PURCHASER:	Air Products Manufacturing LLC.
USER:	WORLD ENERGY PARAMOUNT
JOB/PROJECT:	World Energy Renewables Project
CUST. P.O. NO.:	4505551383
SERVICE:	T-10003 RECIRCULATING PUMP
INSTALLED AT:	World Energy, Paramount, CA, USA
PUMP OEM:	SULZER PUMPS
SULZER ORDER NO.:	100456493-0010

IDENTIFICATION NUMBERS		
SULZER SERIAL NO.	CUSTOMER TAG NO'S	
	PUMP	DRIVER
649499	18-P-1805	18-P-1805M

④ CHANGES ACCORDING TO CUSTOMER COMMETS		20-FEB-2023	20-FEB-2023	20-FEB-2023
		J. FLORES	C. HERNANDEZ	C. GONZALEZ
REV.	MODIFICATION	MODIFIED	CHECKED	APPROVED
SEP. PARTS LIST:	NO	FORMAT: A1	DESIGN GROUP: -	THIRD ANGLE PROJECTION
REPLACED BY:	-	SUBSTITUTE FOR:		ORIGINAL SCALE: -
OHH	API PLAN 11			DRAWN: 04/APR/2022 J. FLORES
3X4X8A				CHECKED: 04/APR/2022 C. HERNANDEZ
SULZER PUMPS				APPROVED: 04/APR/2022 C. GONZALEZ
100456493-0010	PIPING DRAWING			
SULZER	PART NO. -	EN	APP1004564930010-01	2 / 4

PART LIST						
POS	QTY/Length	Art-No	Description	Size	Class	Material
1	2	104942181833	CONNECTOR, MALE	1/2NPTx0.5in		AISI 316
2	15 in	104961140106	TUBING	0.5" O.D. x 0.065" WALL		ASTM A269 TYPE 316 SEAMLESS
3	1	104942181853	CONNECTOR, MALE	3/4NPTx0.75in		AISI 316
4	5 in	104753481009	TUBING	0.75" O.D. x 0.095" WALL		ASTM A269 TYPE 316 SEAMLESS

ⓑ

ⓑ

ⓓ

QUENCH - SUPPLY
0.50" NPT

QUENCH - INLET
0.50" NPT

ⓑ
STEAM TRAP - OUTLET
0.75" TUBING

CONTRACT DATA

PURCHASER: Air Products Manufacturing LLC.

USER: WORLD ENERGY PARAMOUNT

JOB/PROJECT: World Energy Renewables Project

CUST. P.O. NO.: 4505551383

SERVICE: T-10003 RECIRCULATING PUMP


INSTALLED AT: World Energy, Paramount, CA, USA

PUMP OEM: SULZER PUMPS

SULZER ORDER NO.: 100456493-0010

IDENTIFICATION NUMBERS

SULZER SERIAL NO.	CUSTOMER TAG NO'S	
	PUMP	DRIVER
649499	18-P-1805	18-P-1805M

(d)	NO CHANGES IN THIS SHEET			20-FEB-2023	20-FEB-2023	20-FEB-2023
				J. FLORES	C. HERNANDEZ	C. GONZALEZ
REV.	MODIFICATION			MODIFIED	CHECKED	APPROVED
SEP. PARTS LIST:		NO	FORMAT: A1	DESIGN GROUP: -	THIRD ANGLE PROJECTION 	
REPLACED BY:		- SUBSTITUTE FOR:			ORIGINAL SCALE: -	
OHH		API PLAN 62			DRAWN: 04/APR/2022 J. FLORES	
3X4X8A					CHECKED: 04/APR/2022 C. HERNANDEZ	
SULZER PUMPS		PIPING DRAWING			APPROVED: 04/APR/2022 C. GONZALEZ	
100456493-0010						

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PUMPS

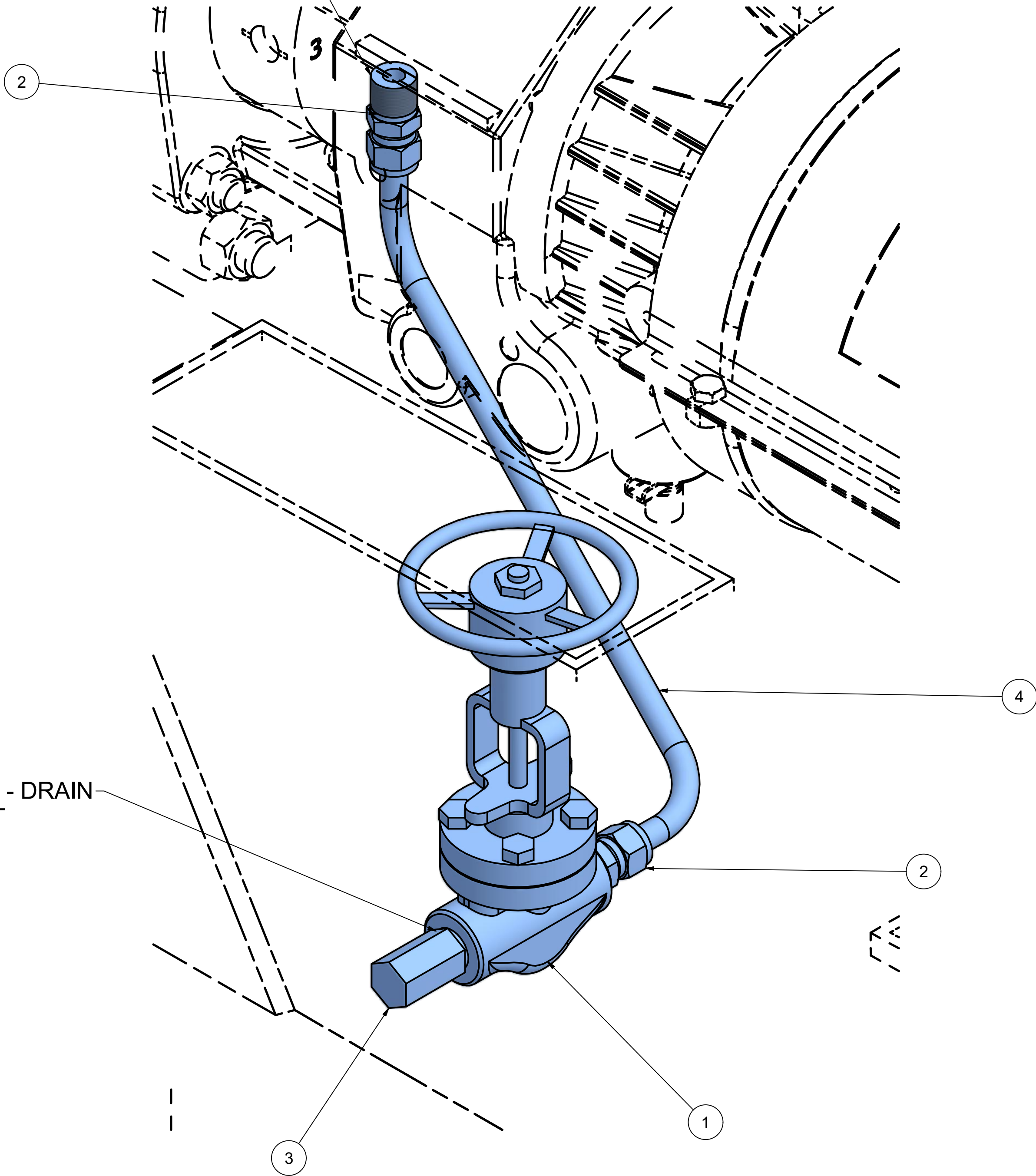
PART LIST						
POS	QTY/Length	Art-No	Description	Size	Class	Material
1	1	-	VALVE	1/2NPT	800	AISI 316
2	2	104942181833	CONNECTOR, MALE	1/2NPTx0.5in		AISI 316
3	1	204795109702	HEX THREADED PLUG (BULL)	1/2NPT		ASTM A182 Gr F316
4	17 in	104961140106	TUBING	0.5" O.D. x 0.065" WALL		ASTM A269 TYPE 316 SEAMLESS

NOTE: ITEM #3 FOR SHIIPPING PURPOSE ONLY. IT SHALL BE REMOVED BEFORE STARTUP FOR CONTINUOS OPERATION DRAIN.

(a)

QUENCH - OUTLET
0.50" NPT

QUENCH - DRAIN
0.50" NPT



CONTRACT DATA

PURCHASER: Air Products Manufacturing LLC.

USER: WORLD ENERGY PARAMOUNT

JOB/PROJECT: World Energy Renewables Project

CUST. P.O. NO.: 4505551383

SERVICE: T-10003 RECIRCULATING PUMP


INSTALLED AT: World Energy, Paramount, CA, USA

PUMP OEM: SULZER PUMPS

SULZER ORDER NO.: 100456493-0010

IDENTIFICATION NUMBERS

SULZER SERIAL NO.	CUSTOMER TAG NO'S	
	PUMP	DRIVER
649499	18-P-1805	18-P-1805M

(d)	NO CHANGES IN THIS SHEET			20-FEB-2023	20-FEB-2023	20-FEB-2023			
				J. FLORES	C. HERNANDEZ	C. GONZALEZ			
REV.	MODIFICATION			MODIFIED	CHECKED	APPROVED			
SEP. PARTS LIST:		NO	FORMAT: A1	DESIGN GROUP: -		THIRD ANGLE PROJECTION 			
REPLACED BY:				- SUBSTITUTE FOR:		ORIGINAL SCALE: -			
OHH		SEAL DRAIN				DRAWN: 04/APR/2022			
3X4X8A						J. FLORES			
SULZER PUMPS						CHECKED: 04/APR/2022			
100456493-0010		PIPING DRAWING				C. HERNANDEZ			
						APPROVED: 04/APR/2022			
						C. GONZALEZ			