

NOTES:

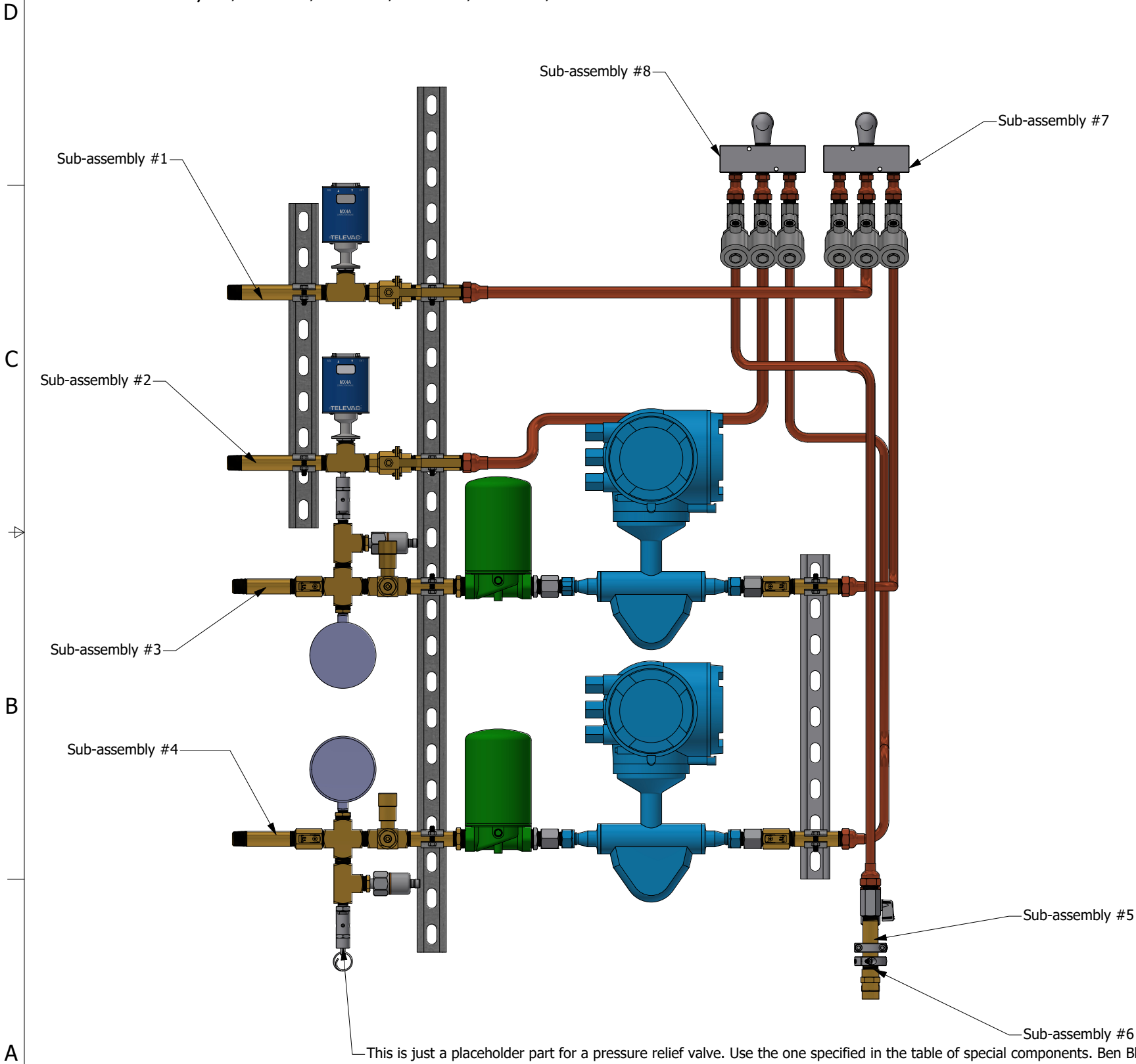
This should be built by starting with each individual sub-assembly, and then installing them and routing the pipes in a certain order. Start with sub-assembly #2, then #4, then #6, then #3, then #5, then #1.

D

C

B

A




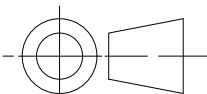
This is just a placeholder part for a pressure relief valve. Use the one specified in the table of special components. Ben Blach has it.

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REVISIONS

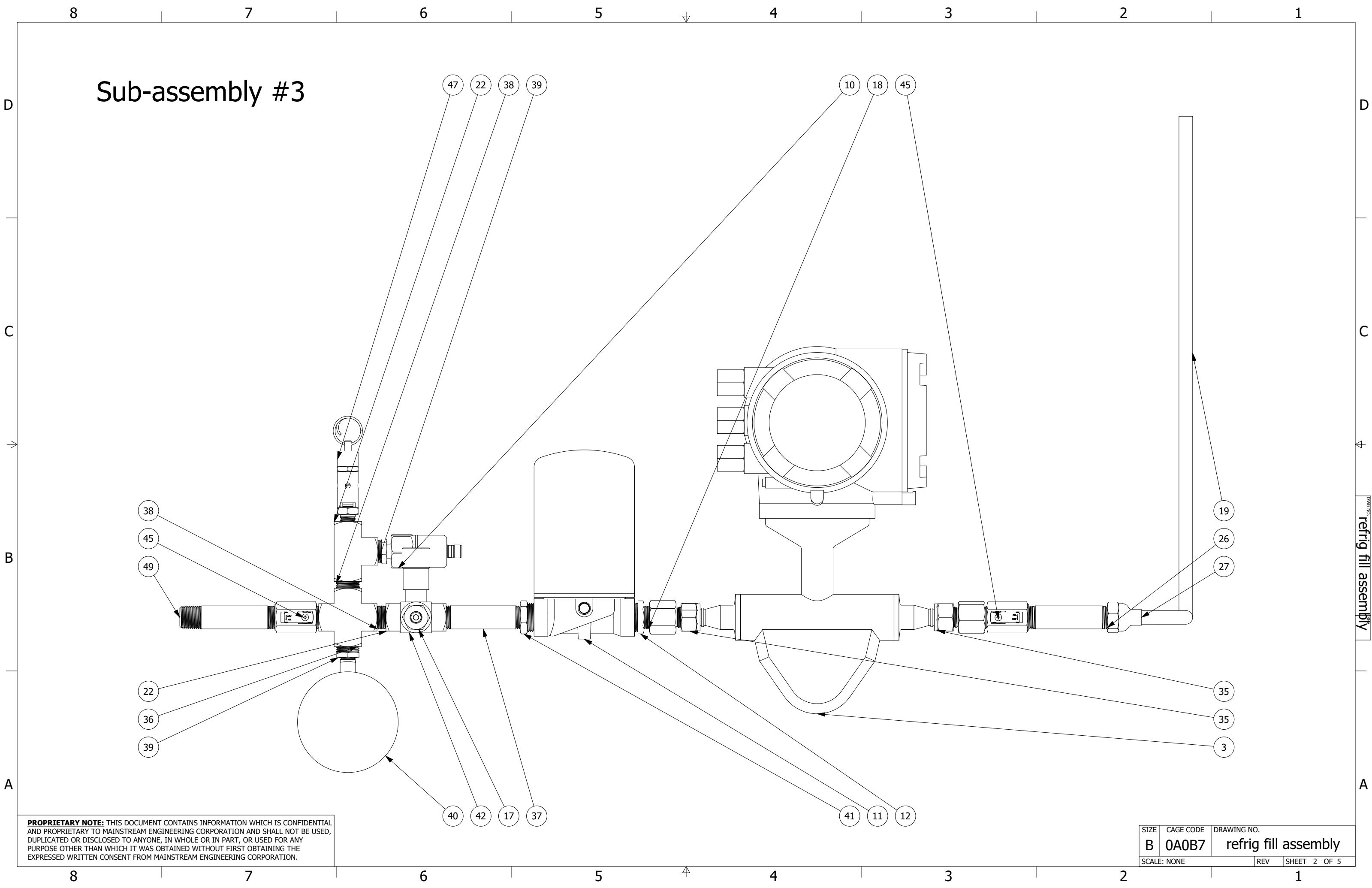
REV	ZONE	DESCRIPTION	DATE	APPROVED
A				GSC

49	4568K177_Standard-Wall Brass Pipe Nipple	2	STEP AP203	
48	cop #8	1		
47	9889K734_ASME-Code Fast-Acting Pressure-Relief Valve	2	STEP AP203	
46	50785K992_High-Pressure Brass Pipe Fitting	2	STEP AP203	
45	4912K4_Miniature Chrome-Plated Brass Ball Valve	6	STEP AP203	
44	4649K63_On Off Valve for High Vacuum	2	STEP AP203	
43	cop #7	1		
42	46425K14_Easy-Set Precision Flow-Adjustment Valve	2	STEP AP203	
41	50785K71_High-Pressure Brass Pipe Fitting	2	STEP AP203	
40	3846K215_Single Scale Pressure Gauge with Steel Case	2	STEP AP203	
39	50785K65_High-Pressure Brass Pipe Fitting	4	STEP AP203	
38	50785K154_High-Pressure Brass Pipe Fitting	8	STEP AP203	
37	50785K986_High-Pressure Brass Pipe Fitting	2	STEP AP203	
36	50785K235_High-Pressure Brass Pipe Fitting	2	STEP AP203	
35	5182K276_Yor-Lok Fitting for Stainless Steel Tubing	4	STEP AP203	
34	5520K406_Solder-Connect Fitting for Copper Tubing	2	STEP AP203	
33	5520K28_Solder-Connect Fitting for Copper Tubing	10	STEP AP203	
32	50785K153_High-Pressure Brass Pipe Fitting	12	STEP AP203	
31	cop #4	1		
30	cop #3	1		
29	cop #2	1		
28	5520K21_Solder-Connect Fitting for Copper Tubing	2	STEP AP203	
27	5520K403_Solder-Connect Fitting for Copper Tubing	4	STEP AP203	
26	9151K69_High-Pressure Nickel-Plated Brass Pipe Fitting	6	STEP AP203	
25	4113N12_Steel Clamping Two-Piece Pipe Collar	4	STEP AP203	
24	50785K94_High-Pressure Brass Pipe Fitting	2	STEP AP203	
23	50785K64_High-Pressure Brass Pipe Fitting	2	STEP AP203	
22	50785K74_High-Pressure Brass Pipe Fitting	6	STEP AP203	
21	3115T353_Strut-Mount Metal Routing Clamp	8	STEP AP203	
20	3548T95_High-Profile Strut Channel	3	STEP AP203	
19	cop #1	1		
18	4830K171_Standard-Wall 304 304L Stainless Steel Pipe Nipple	2	STEP AP203	
17	50635K376_45 Degree Flared Fitting for Copper and Brass Tubing	2	STEP AP203	
16	5520K286_Solder-Connect Fitting for Copper Tubing	6	STEP AP203	
15	4452K474_316 Stainless Steel Threaded Pipe Fitting	2	STEP AP203	
14	5032T11_Compact Versa-Mount Air-Driven On Off Valve	6	STEP AP203	
13	1023N253_Straight-Flow Rectangular Manifold	2	STEP AP203	
12	4452K171_316 Stainless Steel Threaded Pipe Fitting	2	STEP AP203	
11	4358K51_High-Performance Hydraulic Oil Filter	2	STEP AP203	
10	CAD_SAT_500_0115	2		
9	pipe routing plate	1		
8	95760 recovery pump	1		
7	D25B vacuum pump	2		
6	2660K21_Premium Solenoid On-Off Valve	2	STEP AP203	
5	HLB supply pump	1		
4	RA-7 accumulator	1		
3	1	2	starvars output	
2	2-8930-131_defeature	2	STEP AP214	
1	housing	1		

ITEM		PART NUMBER		QTY	NOMENCLATURE OR DESCRIPTION		SPECIFICATION				
PARTS LIST											
		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: ANGLES X ± 1' 1 PLACE DIM. X ± .1 2 PLACE DIM. X ± .01 3 PLACE DIM. X ± .005		CONTRACT NO.		<div></div>					
				DATE							
				DRAWN B. VILLANUEVA 12/28/2023							
				CHECKED DATE							
				MECHANICAL B. VILLANUEVA 12/28/2023							
				ELECTRICAL DATE		SIZE		CAGE CODE	DRAWING NO.		
				OPERATIONS B. BLACH DATE		B		0A0B7		refrig fill assembly	
				APPROVED G. COLE DATE		SCALE: NONE		UNIT WT.		REV	SHEET 1 OF 5
NEXT ASSY		USED ON APPLICATION		THIRD ANGLE PROJECTION							



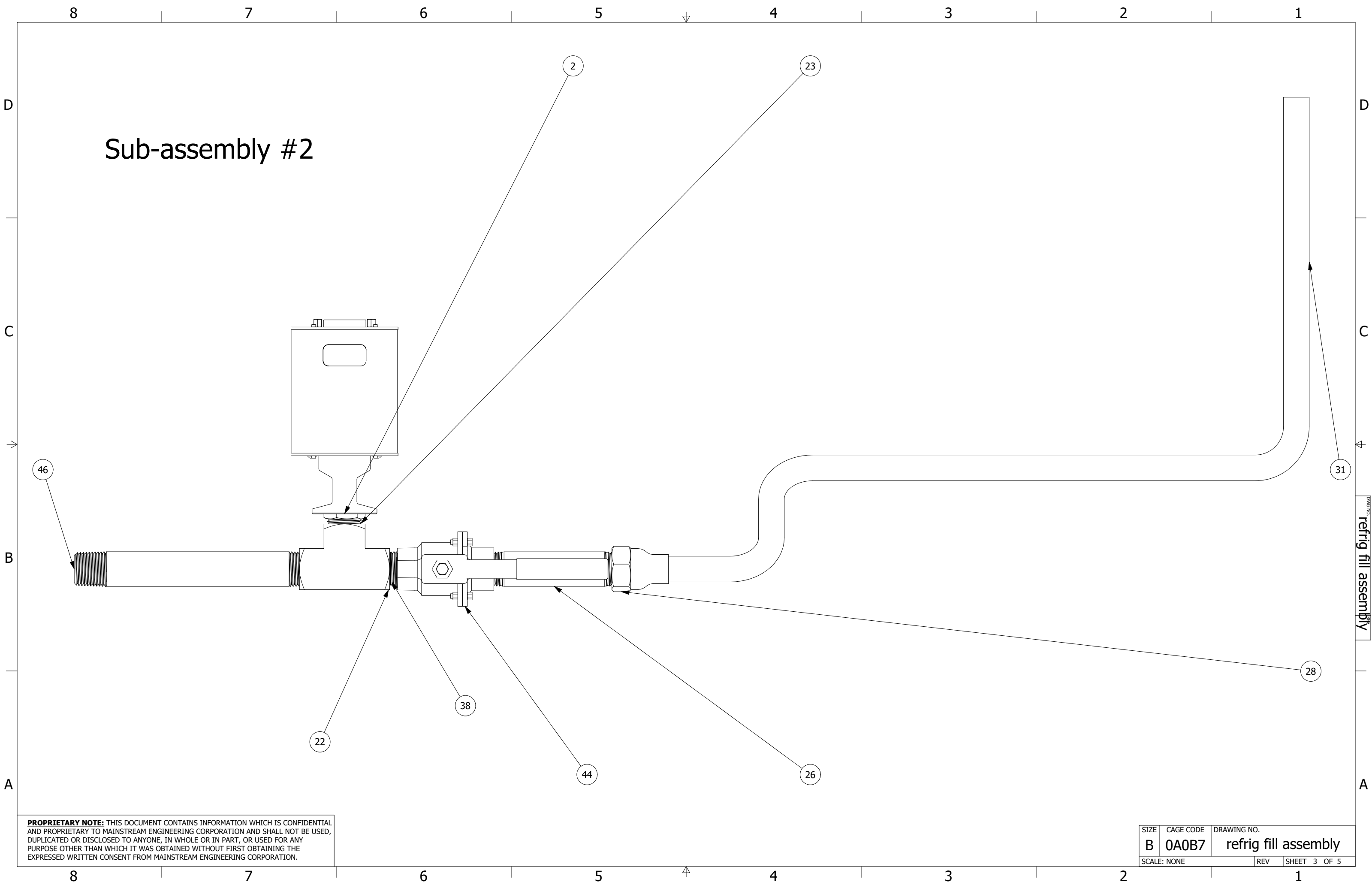
refrig fill assembly



Sub-assembly #3

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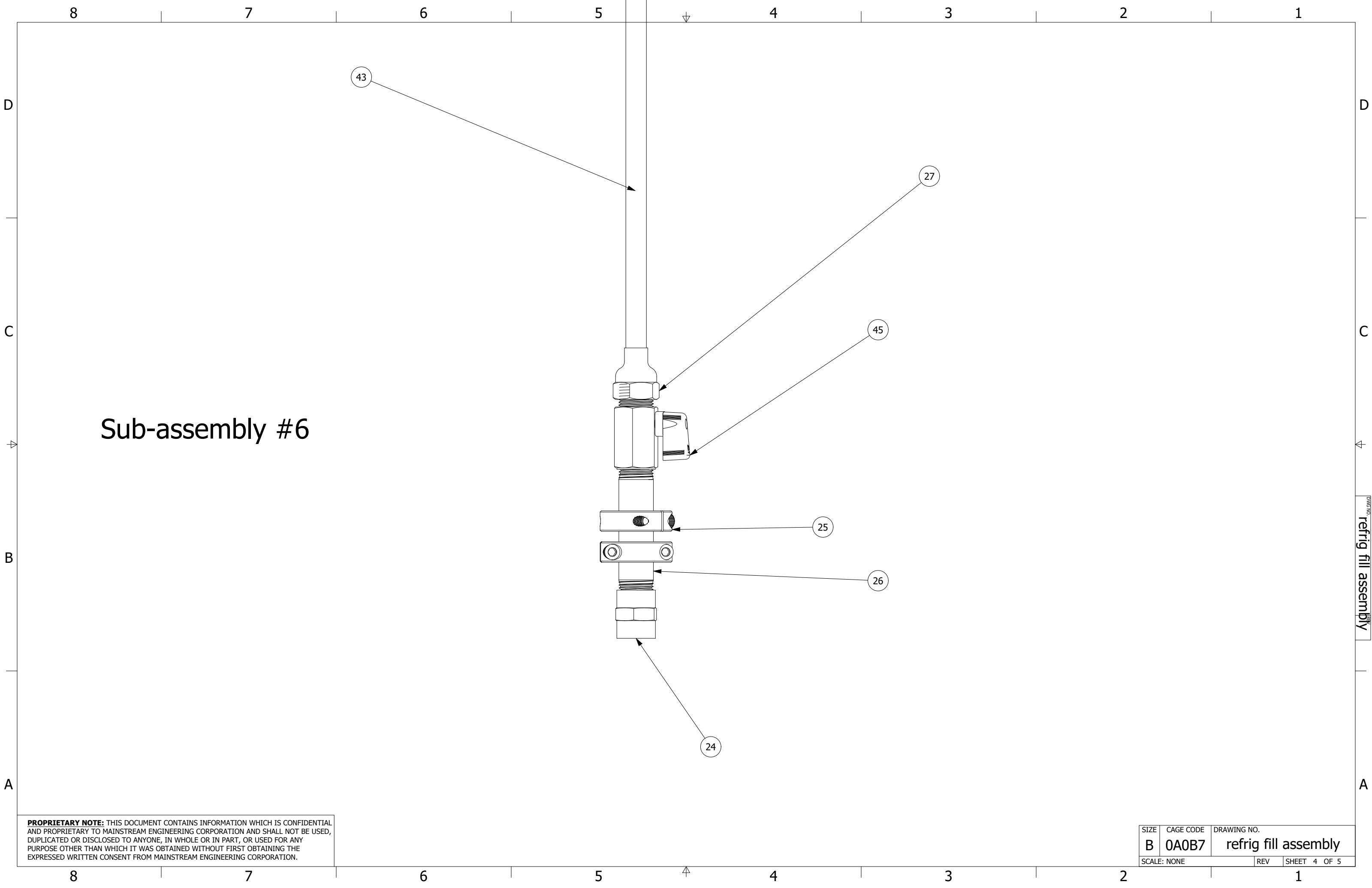
SIZE	CAGE CODE	DRAWING NO.
B	0A0B7	refrig fill assembly
SCALE: NONE		REV SHEET 2 OF 5



Sub-assembly #2

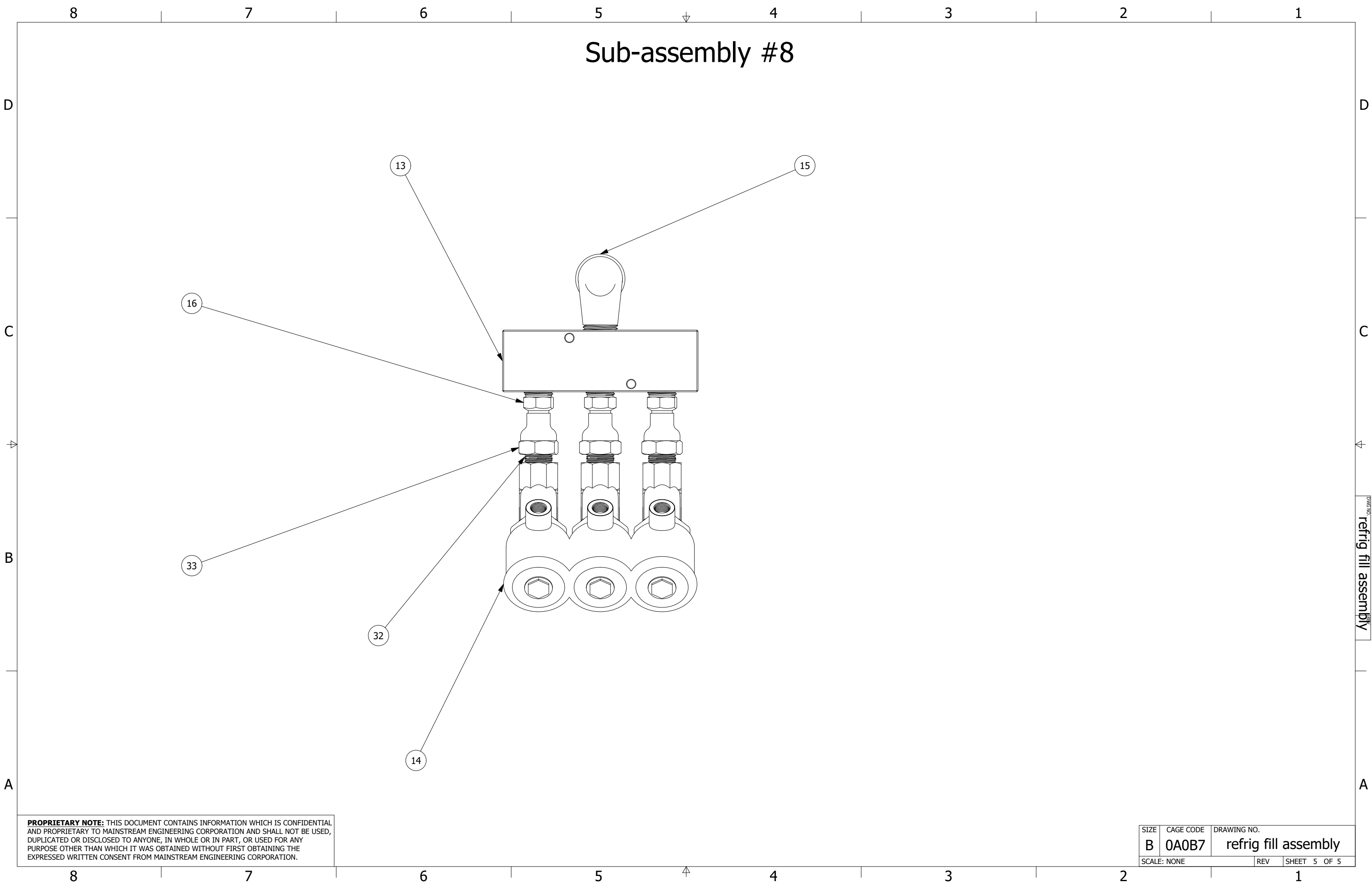
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SIZE	CAGE CODE	DRAWING NO.
B	0A0B7	refrig fill assembly
SCALE: NONE	REV	SHEET 3 OF 5



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SIZE	CAGE CODE	DRAWING NO.
B	0A0B7	refrig fill assembly
SCALE: NONE		REV SHEET 4 OF 5



Sub-assembly #8

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SIZE	CAGE CODE	DRAWING NO.
B	0A0B7	refrig fill assembly
SCALE: NONE		REV SHEET 5 OF 5