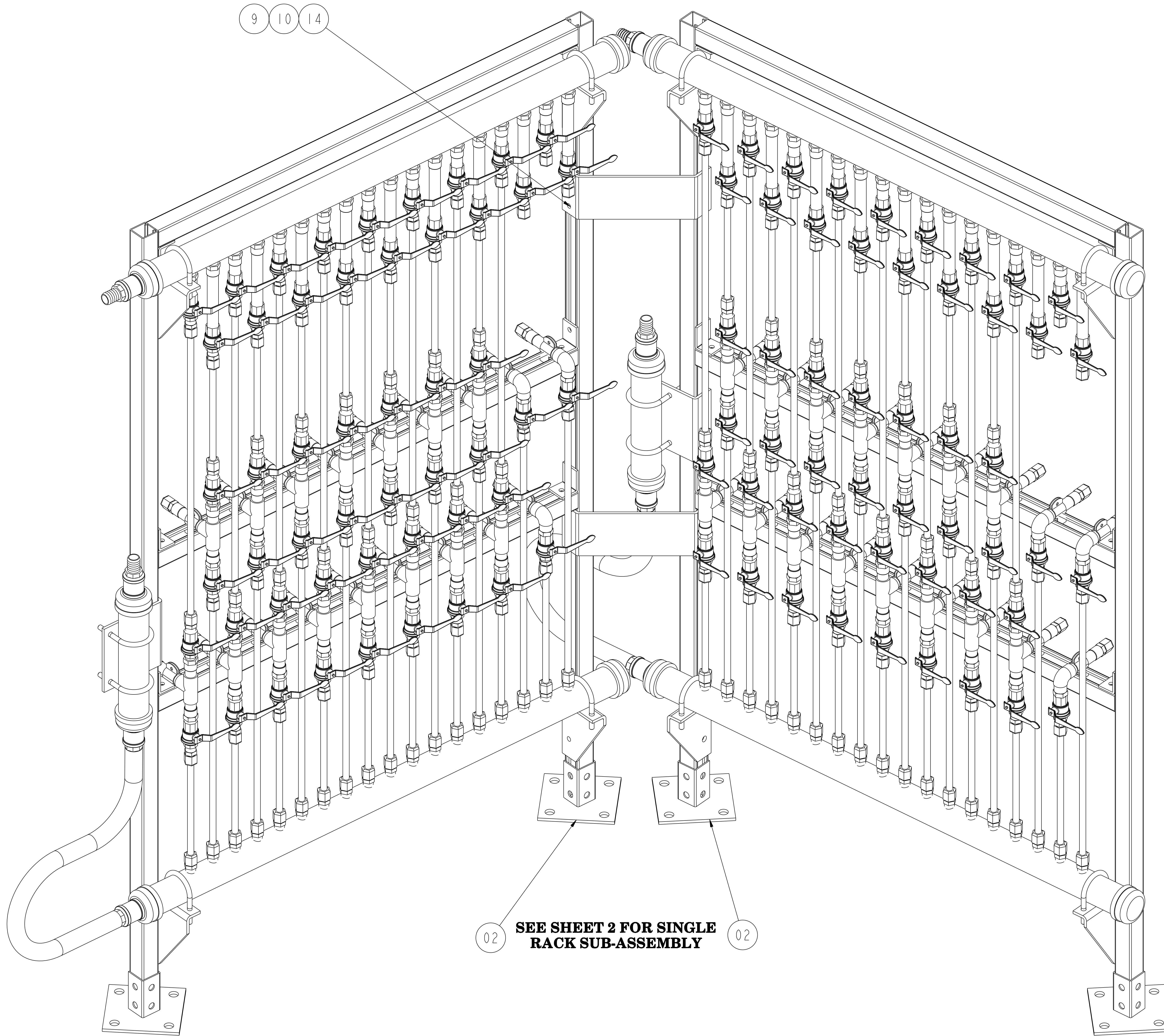


NO.	REVISION	BY	CH	SUP	APPROVED	DATE



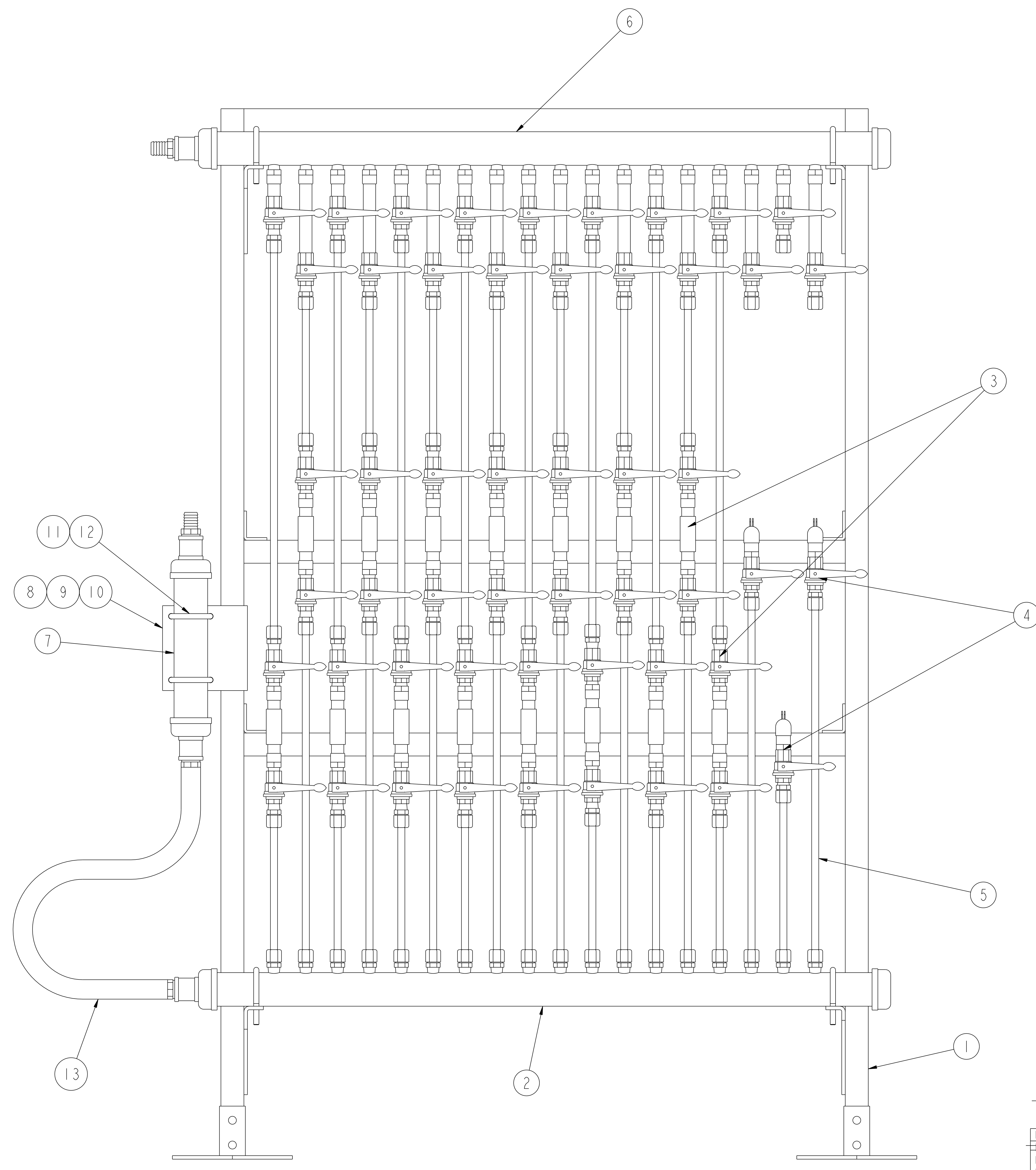
02 SEE SHEET 2 FOR SINGLE RACK SUB-ASSEMBLY 02

ISOMETRIC VIEW TWO RACK ASSEMBLY 01

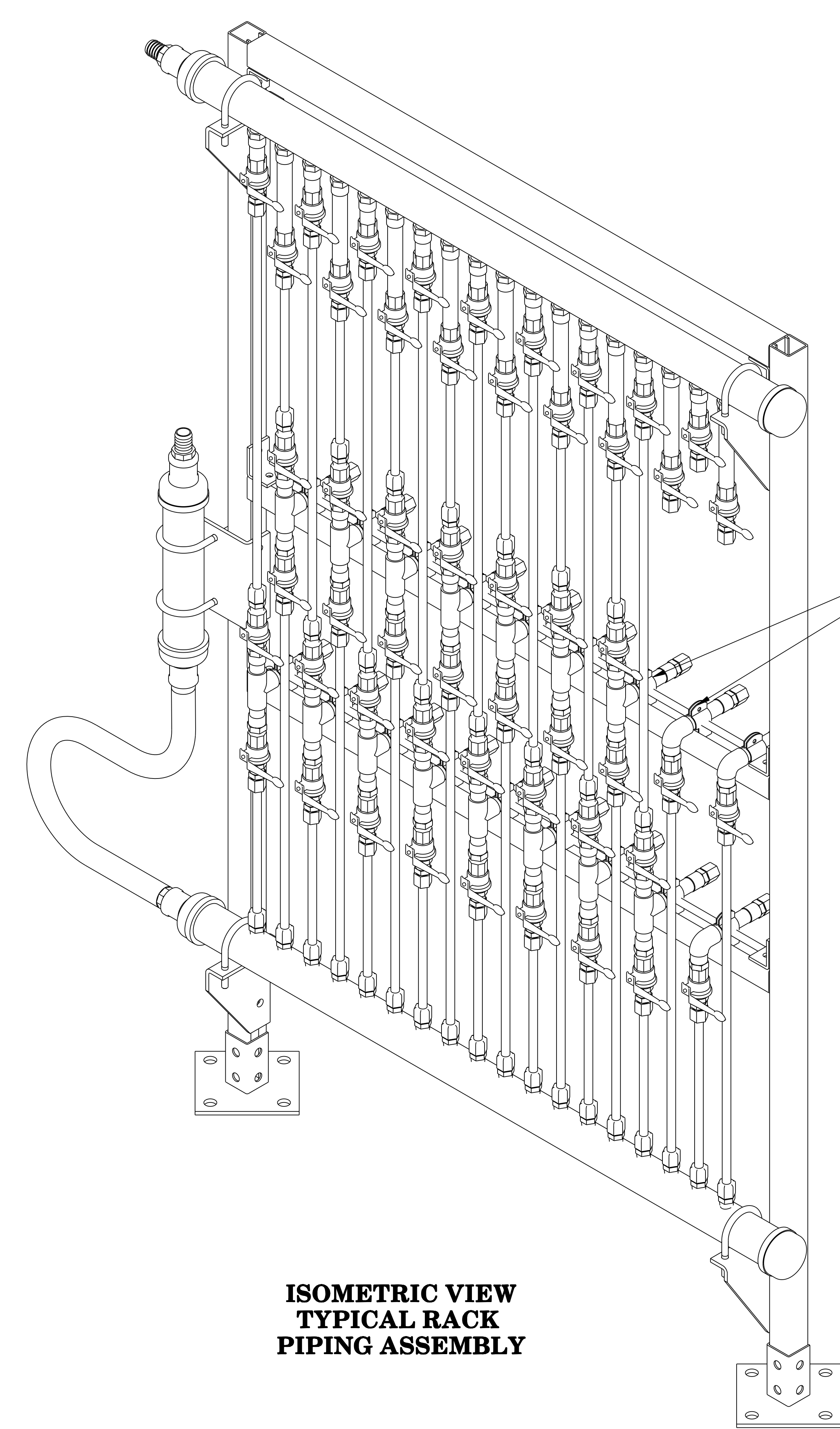
COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED Pro E DO NOT VERIFY INFORMATION BY SCALING DRAWING	CENTRAL FILES:	PRINCETON PLASMA PHYSICS LABORATORY PRINCETON UNIVERSITY NATIONAL COMPACT STELLARATOR EXPERIMENT	
	UNLESS OTHERWISE SPECIFIED	MODULAR COILS EPOXY FLOW CONTROL RACKS TWO RACK ASSEMBLY	
WEIGHT [.] lbs	DIMENSIONS ARE IN INCHES MACHINE SURFACES BREAK SHARP EDGES .005/.020	DSN: B. PAUL	DRAWING NO:
MODEL NAME SE144-205-02	TOLERANCES NON-CUMULATIVE	CHK: ENGR: J. CHRZANOWSKI	SE144-205
RELEASE LEVEL: DWG VERSION NO: 0	DECIMAL-INCH FRACTIONS .X +/- .100 0°-120° +/- .100 .XX +/- .030 120°-120° +/- .100 .XXX +/- .005 120°-120° +/- .100 ANGULAR +/- 0°-15° OVER 120° +/- .100	SUPV:	SHEET 1 OF 2 REV 0

NCSX-SE144-205

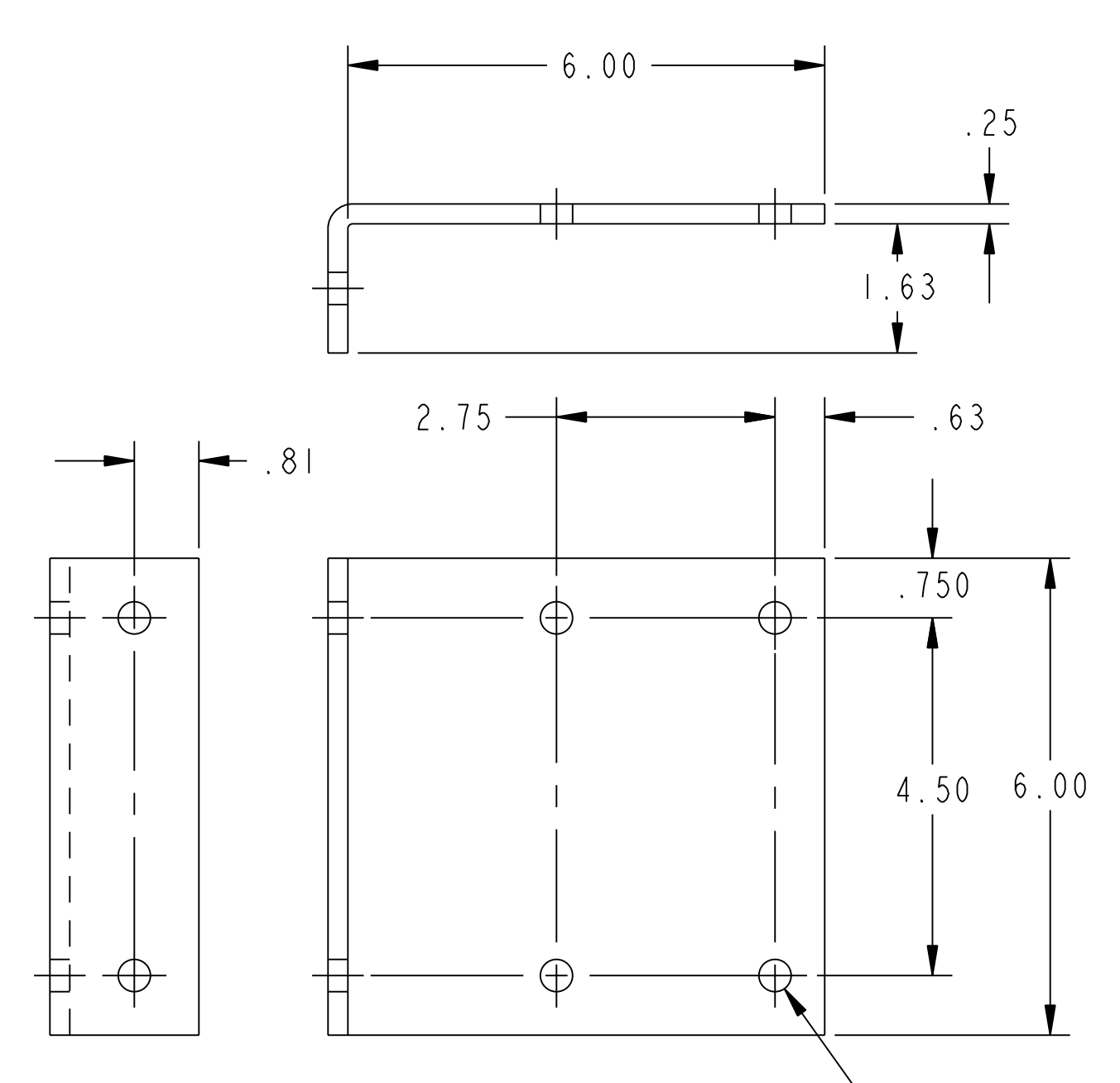
NO.	REVISION	BY	CH	SUP	APPROVED	DATE



TYPICAL SINGLE RACK PIPING ASSEMBLY (02)



ISOMETRIC VIEW TYPICAL RACK PIPING ASSEMBLY



PART 8

PART NO.	DRAWING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL	QTY REQ'D
15	COMM	O.D. TUBING CLAMP B2027 (B-LINE SYSTEMS)	-----	36
14	SE144-206-6	TWO RACK JOINING PLATE	SEE DWG.	2
13	THIS DWG	1" I.D. X 1/4" WALL TUBING LG. TO SUITE	CLEAR PVC	AR
12	THIS DWG	HEX NUT 3/8-16UNC	SS	8
11	SE144-206-7	Ø 3/8" PIPE U-BOLT	SEE DWG.	4
10	COMM	NUT 3/8"-16UNC N228WO (B-LINE SYSTEMS)	-----	12
9	THIS DWG	3/8" HEX BOLT X 1 1/4" LG	SS	12
8	THIS DWG	FILTER MOUNTING PLATE	ALUMN	2
7	SE144-207-05	EPOXY FILTER ASSEMBLY	SEE DWG.	2
6	SE144-207-01	VACUUM MANIFOLD ASSEMBLY	SEE DWG.	2
5	THIS DWG	1/2" O.D. TUBING LENGTH AS REQ'D	CLEAR PVC	AR
4	SE144-207-03	SINGLE VALVE SUB-ASSEMBLY	SEE DWG.	12
3	SE144-207-04	TWO VALVE SUB-ASSEMBLY	SEE DWG.	30
2	SE144-207-02	EPOXY FILL MANIFOLD ASSEMBLY	SEE DWG.	2
1	SE144-206	TYPICAL FRAME ASSY & DETAILS	SEE DWG.	2

PARTS LIST

COMPUTER GENERATED DRAWING CHANGES NOT PERMITTED	CENTRAL FILES: UNLESS OTHERWISE SPECIFIED	PRINCETON PLASMA PHYSICS LABORATORY PRINCETON UNIVERSITY	
Pro E	DIMENSIONS ARE IN INCHES MACHINE SURFACES	NATIONAL COMPACT STELLARATOR EXPERIMENT	
DO NOT VERIFY INFORMATION BY SCALING DRAWING	BREAK SHARP EDGES .005/.020	MODULAR COILS EPOXY FLOW RACK TYPICAL RACK PIPING ASSEMBLY	
NEXT ASSEMBLY	TOLERANCES NON-CUMULATIVE	DSN: B. PAUL	DRAWING NO: SE144-205
	DECIMAL-INCH FRACTIONS	CHK: ENGR: J. CHRZANOWSKI	SHEET 2 OF 2
	.XX +/- .030 0"-12" +/- .010	SUPV:	REV 0
	.XXX +/- .005 12"-120" +/- .010		
	ANGULAR +/- 0°-15'		

RELEASE LEVEL:
DWG VERSION NO: 0

WEIGHT
[.] lbs
MODEL NAME
SE144-205-02
WELDING ENGINEER